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# AMERICAN POULTRY WORLD

Vol. VIII.

FEBRUARY 1917.

No. 4.



First Prize Columbian Wyandotte Cockerel, Madison Square Garden, New York 1916-1917.  
Bred and Owned by Wilburtha Poultry Farms, Trenton Junction, N. J. (See page 177.)



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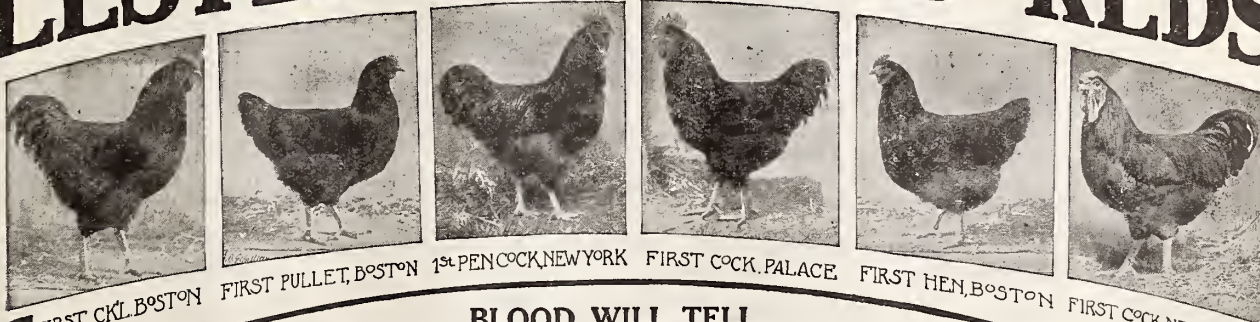
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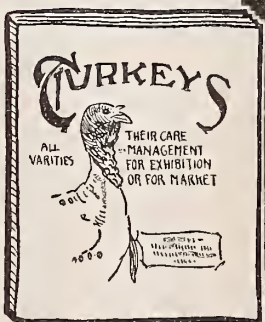
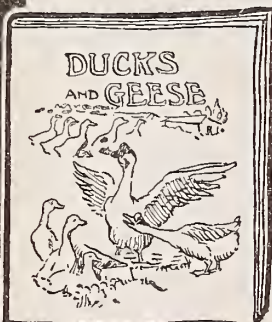
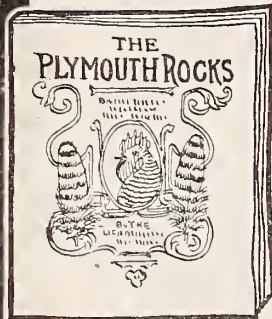
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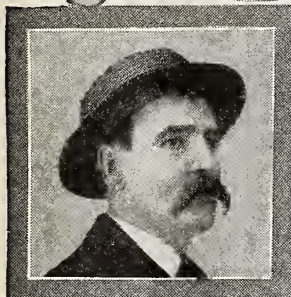
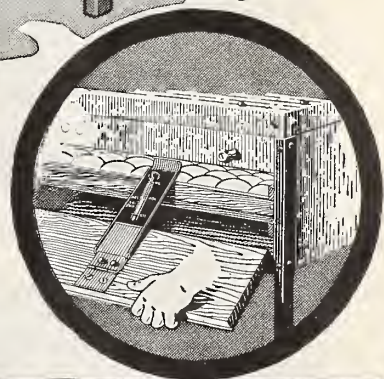
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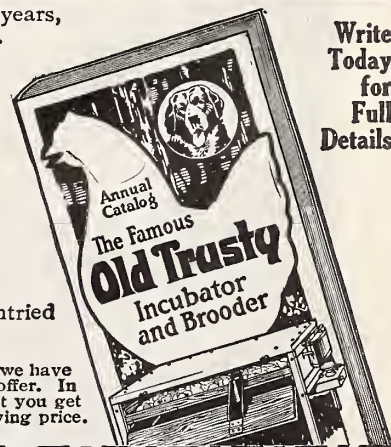


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Have you had any poultry troubles? \_\_\_\_\_





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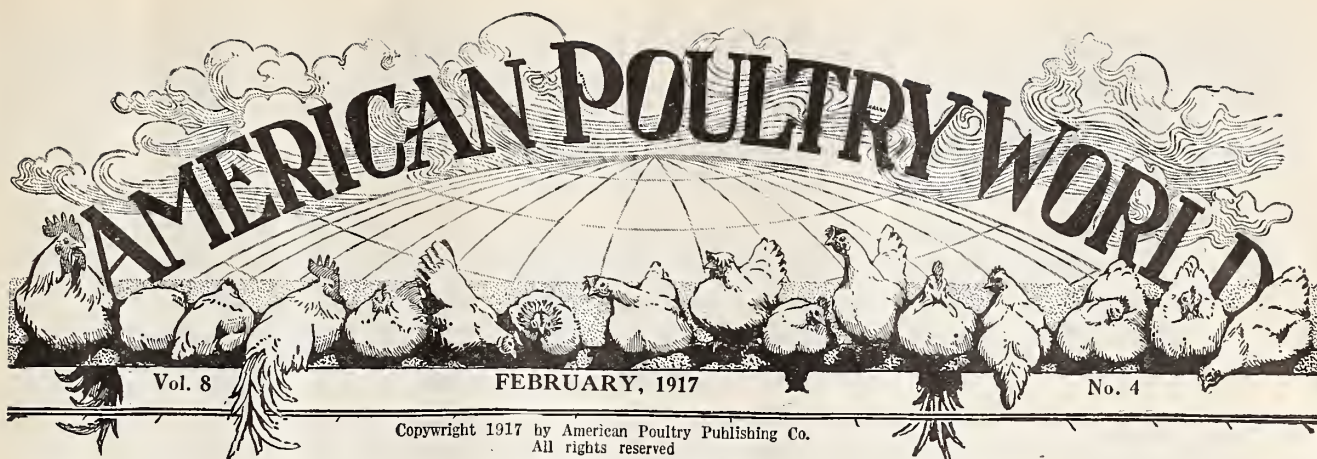
SECOND PULLET

FIRST PULLET

WHITE PLYMOUTH ROCKS. WINNERS AT MADISON SQUARE GARDEN NEW YORK DEC 29 1916 - JAN 3 1917  
BRED OWNED AND EXHIBITED BY OWEN FARMS VINEYARD HAVEN MASS

One of the greatest victories at the recent Garden Show was made by Owen Farms, 115 William St., Vineyard Haven, Mass., in the White Plymouth Rock classes where the competition was closer and keener than we have seen it for some years. In a class of 27 cock birds, they won 1st and 2nd; in the hen class, with 27 entries, they won 5th and in the cockerel class, with 31 entries, they won 1st, 3rd and 4th. They won 1st, 2nd and 4th pullets in a class of 31 excellent females. With 31 pens in competition they won 1st, 2nd and 3rd, which we regard as a most remarkable record, especially when we consider the quality of the pens against which they had to compete. The choicest specimens from the east and from the west contended there for honors, and to carry off all firsts but one and three out of five seconds is indeed a remarkable winning. We have never seen a stronger entry of White Plymouth Rocks shown by one exhibitor than the Owen Farms' string at the last Madison Square Garden Show. They certainly were exquisitely fitted and ready for the contest when the judging began. A week later at Boston, we met Mr. Delano and he said he could have shown another string of fresh, unshown birds at Boston, if he had thought it advisable. Owen Farms certainly can breed the choicest quality White Plymouth Rocks and can produce them in large numbers. The group represents the 1st and 2nd cocks, 1st cockerel and 1st and 2nd pullets. Those who know good White Rocks will at once recognize the marvelous beauty of form and profile of these birds.—A. O. Schilling.





## "RINGLET" BARRED ROCKS AND THE MAN WHO PRODUCES THEM

A Brief Sketch of E. B. Thompson and His Wonderful Imperial "Ringlet" Barred Plymouth Rocks, Inspired By a Short Visit To His Poultry Plant Near Amenia, N. Y.—We Are Promised An Illustrated Story Later, Which No Doubt Will Be a Real Treat

BY A. O. SCHILLING

**T**HIRTY-SIX years of thought and study, of labor and energy, have been expended by one man who set out to perfect a certain strain of fowls and to succeed in the standard-bred poultry business. Think of it! Thirty-six consecutive years of endeavor with one object in view, and he is still at it trying to improve the great results that he has already accomplished and to add to the success he has attained. We cannot fail to admire and honor a man of such character. We all do join in admiring and commending the great work accomplished by E. B. Thompson of Amenia, N. Y., and wish that there were more men of his caliber in the standard-bred poultry industry.

Wherever standard-bred poultry is known, the fame of E. B. Thompson's "Ringlet" strain of Barred Plymouth Rocks has traveled. The repeated victories of this noted family of Barred Rocks are not the result of a few years of breeding, neither are they the result of unlimited capital, which might be used to purchase what one needs to win. These big victories, these wonderful show records, are the results of those long years of study and experimenting. They are the answer, as it were, of breeding problems solved. They represent the sum of those long thirty-six years of effort, and their owner, their creator, places them with confidence in our greatest shows to compete with all comers.

If space permitted, we would say much more about our high regard for Mr. Thompson and the work he has accomplished. He is a master in the art of breeding, and has proved it year by year during the twenty-eight or more years that he has been showing at the premier poultry exhibition of America, "The Garden", as it is familiarly called by those who have come to know it well through years of attendance.

To me, the home and breeding yards of a real master breeder are as interesting as the studio of a great painter or sculptor. We thoroughly enjoyed the short visit to the poultry farm of Mr. Thompson while en route home from the Palace, New York, show.

To pass through the breeding pens as we did in company with Mr. Thompson, discussing first one bird and then another with regard to its breeding, its winnings and its type or markings, is like walking into the workshop of an expert and discussing his best works, his aims and the problems he has before him under development, all tending to the improvement of his product. It certainly was a pleasure and a benefit.

The object of this article is not to write an extensive comment on the winnings of "Ringlet" Barred Rocks as bred by Mr. Thompson, but to make a hasty sketch of the man and the methods by which he has succeeded. Naturally we turn first to the interest or the power that is responsible for the results that we see in this case and so we first consider Mr. E. B. Thompson and his capable assistants.

To remain in the poultry business for a period of thirty-six years and to be a leader, speaks volumes for the patience, the determination and ability of Mr. Thompson. During the

last quarter of a century Mr. Thompson has not only built up a strain of Barred Plymouth Rocks that are without an equal in this or any other country, but he also has built for himself a reputation of which any man might well be proud. Fellow poultrymen have honored him with the highest gift in their power to bestow—the office of president of the American Poultry Association.

We doubt whether many people fully appreciate what the success Mr. Thompson has attained really means. Not every man has the personal qualities that would bring him to the same high pinnacle of success. He has loved his work and has constantly applied his talents to the accomplishment of his object—the production of the best Barred Plymouth Rocks in shape, color and markings that it is possible to attain.

First of all one must possess an insight into the problems of selective mating. He must have an eye for form and beauty and, of course, must know the blood lines of his stock and possess a knowledge of the dominant qualities and characteristics of the birds that he expects to mate, in order that he may overcome certain defects or improve certain sections or the color. This knowledge can be gained only by continual contact day after day and year after year with the material he designs to improve. In other words, it is the result of experience. Some persons can acquire this knowledge more quickly than others, but few grasp it rapidly. It is certain that the young poultry breeders of today should make more rapid progress than did pioneers like Mr. Thompson, for he and a few others have blazed the trail for those who follow.

We sat with Messrs. Thompson and D. W. Young until the wee small hours of the morning in a New York hotel during the recent Madison Square Garden show, discussing the subject of breeding, and perhaps for the first time we appreciated how completely these two men understand what they are doing when mating time comes around. The fact that, master breeders though they are, their fowls show improvement year by year, may be taken to mean that they still are solving problems in breeding.

We have dwelt upon the matter of the time and attention necessary to the successful breeding of fowls, in order to impress prospective poultry breeders with the fact that the purchasing of high-grade stock does not or should not end their efforts. They must study their birds and their progeny until they have gained an understanding of the breeding traits and qualities of the stock in their possession.

Mr. Thompson makes it a practice to mate pens purchased from him to obtain the best results, which in our opinion adds much to the value of the birds, for purchasers of "Imperial Ringlets" are assured of getting the best possible results from the birds they purchase. Indeed, Mr. Thompson is giving gratis to each customer a bit of his knowledge gained by many years of hard work.

(Continued on Page 207).



# Educational Work and the Poultry Business

## Is The Poultry Industry Really In a Bad Way? It Is Said To Be Passing Through a Period of Re-Adjustment—Some Figures That Might Be Termed "Official"—Value of Annual Crop of Market Eggs and Poultry—A Study of the Relation of Government Workers to Our American Poultry Business

By HOMER W. JACKSON, Special Contributor

It is apparent to all who have given any special thought to the matter that the poultry industry is passing through a period of readjustment. A number of influences of varying importance are directly and indirectly affecting its development, and great changes have occurred or are now occurring, both in the industry itself and in the attitude of the general public toward it.

I doubt if the time has come when anyone has a sufficiently accurate knowledge of all the facts to undertake an analysis of the situation and to assign to different influences their relative values.

If an attempt is to be made to do so, it certainly should be based on as clear an understanding of the facts as it is practicable to obtain. Also, there should be no suspicion of unfriendliness toward such influences as come in for unfavorable consideration.

Referring directly to the article on "The Influence of Educational Work on the Poultry Business" by John H. Robinson in the October American Poultry World, I am willing to leave to Mr. Robinson himself the definition of his attitude toward poultry educators. But his familiarity with the facts which he discusses must be estimated by the statements, or, more correctly, the charges which he makes and which, if true, are of a most serious character. If not true, it would be a grave injustice to the hard-working men and women engaged in educational work in poultry husbandry to permit them to pass unchallenged.

If the charges made in Mr. Robinson's article are correct, it certainly is high time that these misguided persons be curbed in their destructive careers. As I understand it, there are in the neighborhood of three hundred men and women—possibly more—engaged in college, station and extension poultry work in this country and in Canada. And I doubt if Mr. Robinson himself fully realizes the extent to which these workers have the respect and confidence of poultry keepers generally. So, it is no laughing matter if these three hundred workers have run amuck in the industry while we have been innocently supporting them and cheering them on. Mr. Robinson, it is true, has the comfort of knowing that no

matter what ruin our educational workers may bring down on our heads, he never incriminated himself by over-enthusiastic support or encouragement of them. Some of the rest of us, however, are not so well protected, and maybe it is time to take stock of things and see if we can determine where we are—or at least in what direction the activities of government workers are heading us.

### Is the Poultry Industry Really In Such a Bad Way?

Those who have read the article referred to, will recall that, with much definiteness of statement, Mr. Robinson attempted to show that the poultry business is in a very bad way indeed and that educational workers are mainly responsible for its deplorable condition. His belief that the industry is passing through a period of serious depression is stated or implied in such expressions as the following which are quoted directly from his article:

"On the contrary, it (educational movement) exhibits pronounced tendencies to check the normal growth of the industry."

"Broadly speaking, the educational influence is adverse to the expansion of interest in poultry culture." "The educational movement has become a far-reaching and powerful agency for the suppression of incipient interest in poultry culture." "It seems quite plain to me that continued indefinite extension of the effort to give proper instruction in poultry culture through government bulletins would eventually bring the industry to a worse state than ever before."

Such general statements as these would be sufficiently serious if they were all of the indictment. As a matter of fact, however, Mr. Robinson only uses these to warm up on and when he really gets down to cases, he doesn't leave the offenders a leg to stand on—absolutely without regard to the number they may have started with.

However, before censuring educational workers for the adverse influence which they have exerted on the industry, would it not be well to make certain that the industry has met with adversity? And in speaking of the poultry business or the poultry industry, we mean naturally the entire industry—not a single branch of it.

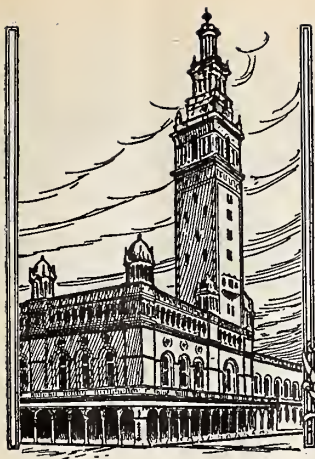
### Some Official Figures on the Subject

Mr. Robinson's easy acceptance of the idea that the industry—  
(Continued on Page 202)



In a class of twenty-six S. C. Red cocks the male illustrated above, won first and shape and color specials. We have seen a large portion of the best Reds exhibited since they became so popular, and this bird impressed us as being one of the most remarkable we have seen to date. No photograph that we have made or seen can do full justice to a bird of this kind. A photograph falls short of showing the remarkable beauty of form and color possessed by this excellent male. In the show pen at the Garden he was simply a marvel, and all who saw him considered him an easy winner. Mr. F. W. C. Almy, proprietor of Red Feather Farm, Box 22, Tiverton Four Corners, R. I., has proved repeatedly that he knows how to produce high quality exhibition Rhode Island Reds. He has shown several champions of both varieties in recent years. We recall particularly the excellent Rose Comb Red cock that won the championship at Boston, 1915, in one of the strongest classes ever penned at that show. Note particularly the well-formed comb of correct size on this cock bird. He stood squarely on his feet, well supported by strong shanks and thighs, while his body was well rounded and carried level in a true Rhode Island Red manner.—A. O. Schilling.

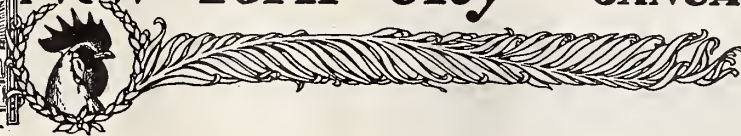




# Madison Square Garden Poultry Show

## New York City

DECEMBER 29, 1916  
JANUARY 3, 1917



**There Need Be No Question About the Continued Popularity of the Madison Square Garden Poultry Show. Largest and Best Yet Held. Pet Stock Was Not Admitted This Year Which Means That There Were More Entries of Poultry and Pigeons Than Ever Before. Practically the Same Dates for Next Year**

By GEO. W. TRACY, Field Representative

**T**WENTY-EIGHT annual exhibits have been held in New York City under the auspices of the New York Poultry and Pigeon Association. Nearly all of these were staged in the "Old Garden," as we have grown to call it by long acquaintance.

Madison Square Garden was formally opened to the public during the summer of 1890, about twenty-six years ago, and since then the poultrymen and women of this country and foreign countries have gathered there annually, or have sent for competition the choicest poultry, pigeons, water fowl and pet stock that they have been able to produce by careful matings. Many records have been made in this famous arena and exhibition hall.

The "Old Garden" has won a place in the hearts of those who have visited it from time to time. Since the show held in 1908-9 there have been rumors that the "Old Garden" would be torn down. It was generally believed that the show held Dec., 1911, was to be the last in the old building. It was good news to the poultrymen of the country when it was learned a few months later, that the place was to stand and that another opportunity would be given them to show their birds there. The building was actually sold last summer but we have no definite information that the new owners intend to destroy the building, in fact the present capable secretary, Chas. D. Cleveland, has already announced the dates for next winter's show, Dec. 28-Jan. 2, inclusive.

Unless a more suitable building is erected to replace the "Old Garden," I believe we voice the wishes of the poultry breeders of this country when we say that we hope the present build-



It was a remarkable victory that Mr. Thompson's "Ringlet" Barred Rocks made at the last Madison Square Garden Show. In cockerels this wonderful family of winners have captured 1st, 2nd, 3rd, 4th and 5th places for four years in succession under three different judges. Such a record would seem to entitle the "Ringlet" strain to the title of champions. Mr. Thompson did not lose a blue ribbon in spite of the added competition. This cockerel that won the championship was without doubt, the best colored cockerel we have seen. The above photograph is a faithful likeness of him as he stood before the camera. In certain sections one may follow the straight lines of barring on neck, wing bow and breast. They are becoming more "ringy" year by year, and we hope to see the time when Barred Rocks will possess plumage as neatly and regularly marked as that of some of our best Silver Penciled Hamburg females. To Mr. Thompson belongs the credit for much of the progress that has been made to date. We hope he will continue the same untiring efforts that have produced so many remarkable specimens that have won the highest honors for him and for his customers in all parts of the country.—A. O. Schilling.

ing will be preserved. It has served a good purpose thus far and New York City, as the metropolis of this country, should have a place of this sort, in fact it should have the finest and most-up-to-date exhibition hall in the world.

Mr. Chas. D. Cleveland, as secretary, is employing efficient methods in the management of this show. Each year he has aimed to improve conditions and he is a man who attends to details. Mr. Cleveland has proved himself a capable successor of the Hon. H. B. Crawford, who for years was the manager of many successful Garden Shows.

In the total number of entries the show of 1913 was the largest held in the history of this association, pet stock being included in the entries. At the recent show no pet stock was exhibited, therefore as a poultry and pigeon show the last exhibition was really the largest ever held in New York City.

This year's entries were about 1,450 more than the total of last year and there were within 80 of the show of 1913 which had 285 pet stock entries. Nearly 6,100 entries were recorded, including pigeons. Of these, 413 were poultry and water fowl. 193 pigeons were shown in addition to numerous display coops of pheasants, cranes, swans, ducks and ornamental geese.

As a business show we regard the last one as very encouraging. Renewed interest and confidence in a prosperous future seemed to be the prevailing sentiment of the breeders present. It is not our object to magnify or misinterpret the actual condition, but this show as well as others we have attended this season, was the most promising that has been held in several





years. Sales were fairly numerous at good prices, and we took forward to a good season.

The Garden was, as usual, attractively decorated and we doubt whether New York City has ever had a better show of this kind, all things considered.—A. O. S.



First prize cock, third hen, first cockerel, third pullet and first pen—that is the excellent record made by Dr. Sanborn's Buff Wyandottes at the recent Madison Square Garden show. We regard this winning as a valuable one at a show like this. Dr. Sanborn's Buff Wyandottes need no introduction to those who have followed the records made at New York and Boston during the past 10 to 15 years, for they have always been in the front ranks since we have known them, not only as prize winners, but as egg producers. Dr. Sanborn had good judgment in creating a strain of fowls that is going to influence the production of more and better poultry in this country. He has kept up their vigor and improved their egg laying qualities and at the same time established a family of birds that have wonderful color and type that conform to modern standard requirements. Fowls like these are worth almost any reasonable price that their owner may ask for them, for they are a valuable asset to those engaged in the poultry business; at the same time they are a source of pleasure and profit.—A. O. Schilling.

#### The Classes

The best quality in standard colored and marked Barred Plymouth Rocks was in evidence at the Garden, for the best in the world are exhibited here. The exhibitors in the cock, hen, cockerel, pullet and pen classes were 4, 6, 5, 5 and 2 in numbers respectively, and we feel safe in stating that it was the best exhibit yet shown.

Judge Cosh had stationed the coops of competing cockerels in the middle of the hall for the convenience of the judges and the display was a fine one indeed. As a certain gentleman was heard to remark: "They are the best in the world", a statement that no one seemed to dispute.

Newton Cosh, who judged these classes, has always been considered by those who know, as one of the very best judges of a good Barred Rock in the country. The late M. S. Gardner told us that he was the best, and no one doubts his integrity. He surely did justice to the classes in placing the awards.

An old-time friend of mine who had exhibited a fine Barred Rock cockerel at the Palace and bragged on his superiority saying: "He will make them step at the Garden", felt quite different about it when he saw Ed. Thompson's string of grand birds, and when asked if he had brought his fine cockerel along

with him, he remarked, "Yes, but he won't get anything. Ed. Thompson has 'em all skinned a mile". He told the truth. To sum it up briefly, the classes were the best we have ever seen and in making the sweep, Mr. E. B. Thompson has again added to his honors by excelling the wonderful display he made last year. His winnings are given on the back cover of this issue of A. P. W.—winnings of the world's greatest Barred Rocks at the world's greatest show, Madison Square Garden.

What was true of the Barred Rock classes was also true of the White Rocks, with Owen Farms the distinguished winner. These classes were truly great and worthy of being styled a strictly Madison Square Garden exhibit, an exhibit made up of entries by the most noted breeders of the east. There were sixteen of these exhibitors and each one entered a string fitted to win the premier honors at almost any big show, and their individual exhibits were a great credit to the White Rock family. There is no doubt but that they were the grandest appearing classes of the show.

Owen Farms, 115 William St., Vineyard Haven, Mass., carried highest honors in the White Rock classes, as follows: 1, 2 cocks; 5 hen; 1, 3, 4 cockerels; 1, 2, 4 pullets; 1, 2, 3 pens and many specials. Mr. Maurice F. Delano proprietor of Owen Farms, was greatly pleased with the fact that 2nd prize cockerel a truly wonderful bird, was hatched from a setting of eggs sold to the owner and exhibitor by Owen Farms, and Mr. De-

(Continued on Page 204)



There were 66 single entries of S. C. White Orpingtons at the last Madison Square Garden show and six pens, all of which came from America's choicest flocks. To win in such competition is ample proof of superior quality. Warner & Greene, of Scranton, Pa., again won the blue ribbon on a grand hen of excellent type and color, the bird shown above. Their third prize hen was another beautiful specimen of attractive size and type. This firm has been winning consistently at the Garden during recent years. Last season they won best display in the S. C. White Orpington classes and the year previous they won first and fifth pullets, second cock and fifth pen. The winnings of this firm at the last three Madison Square Garden shows has demonstrated that their S. C. White Orpingtons are equal to the best. Warner & Greene are showing some remarkable specimens these days, and we hope they will continue to produce many more like them. Their matings this season will contain a good many females that are of the same quality as the bird shown above. Their first and third hen will be used and a number of their full sisters and half sisters. Such females are very valuable to breeders when they are properly mated, and Warner & Greene have demonstrated that they know how to mate them.—A. O. Schilling.



# Line-bred Stock—Not Hit or Miss



**Candid Advice to A. P. W. Subscribers Who Wish To Own and Help Improve Strains of Standard Fowl That Will Prove To Be Good Enough To Win Prizes, Year After Year, in Public Competition At The Hands of Capable Judges**

By GRANT M. CURTIS, Editor

**T**HIS article is meant to interest and benefit those of our subscribers who wish to own and produce standard-bred fowl, meaning choice specimens bred in line year after year and mated by careful selection, with a view to having the progeny conform closely to the requirements of the American Standard of Perfection. What is said here does not apply with equal force to the production of layers of market eggs or table poultry of different kinds, including broilers, fries, roasters, etc.

Throughout the United States and Canada at this time, several hundred winter poultry shows are being held. At these shows standard-bred fowl are on exhibition; the judging is done by disinterested men, as a rule, and competition is open to the world. At these shows the Standard of Perfection is meant to be applied and licensed A. P. A. judges are in honor bound to use the Standard in this manner. As a rule they do so, trying faithfully to place the awards where they belong.

The American Standard of Perfection contains an illustrated, carefully worded description of every breed and variety of chickens, turkeys, ducks and geese, so far as they have been recognized by the American Poultry Association. In this book the shape requirements of the different breeds are closely described and the determining points of every variety, also are described quite in detail. Profile illustrations are shown of the different breeds and most of the varieties. With this book in hand, the poultry fancier or breeder can read and see what is required—what he is after in case it is his desire to own and produce standard-bred fowl.

Domestic fowl of this kind are bred for several purposes. In this article we shall treat of two only: first, those bred mainly for pleasure, with little thought of exhibiting the finest specimens of the flock or selling them, except now and then, and with little idea of profit; second, those produced for exhibition purposes and for sale as breeders, the exhibiting being done with the object of proving quality by a comparison with other flocks or strains, thus to create a demand or market for surplus fowls, eggs for hatching and day-old chicks.

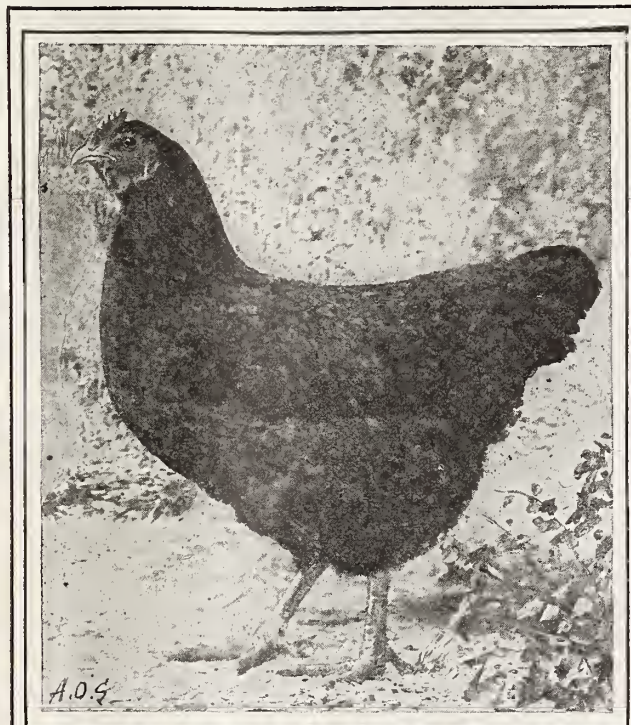
As a rule, standard-bred fowl are truly beautiful. They are beautiful in shape outlines, in carriage, in purity and uniformity of color, also in feather markings or feather pattern. Thousands of men and women in the United States and Canada keep and breed standard-bred fowl for the pleasure of seeing them about, and of testing their ability as layers and of exercising skill in selection, generation after generation, with a view to improving the beauty qualities of the respective strains and the choicest specimens thereof. A great majority of these pleasure seekers in the breeding of choice standard fowl do not exhibit.

They do not advertise, nor do they sell birds or eggs for hatching. On the other hand, they visit poultry shows, study the Standard of Perfection and take a keen interest in keeping abreast of the times, as regards the artistic and productive qualities of their breed and variety.

However, it is to the men and women who are breeding standard-bred fowl for profit, or who plan to do so, that the main body of this article is addressed. These are the persons who wish to start right and "go right", as regards selecting a popular variety and a dependable strain thereof, or who wish to improve their present flocks, bringing them closer to standard requirements and enabling them to win prizes in public competition, thus to be able to secure higher prices for their surplus stock and eggs for hatching. How to breed winners, is the question that deeply interests these men and women and it is to them that reliable advice should be given.

The title of this article is, "Line-Bred Stock—Not Hit-Or-Miss." Recently a subscriber sent us several letters and copies of letters that had passed between him and Carl Dare, poultry huckster of Des Moines, Iowa. In one of the letters Mr. Dare said: "I am sending you a male bird that is not related to any extent whatever with the females I shipped you. By this mating you are bound to get good results."

What kind of good results? The breed in question was Minorcas, and the variety was Single Comb Black Minorcas. If some one were to write J. V. McConnell, of (Continued on page 192.)



*SCRIP RED PULLET FROM FIRST PEN  
MADISON SQUARE GARDEN NY 1915-16  
RAU & FRY INDIANAPOLIS IND.*

The S. C. Red classes at the 1915-1916 Madison Square Garden were about as keenly contested as any we have ever seen. There was quality in abundance and dozens of top-notch specimens were unplaced. It was in this competition that the S. C. Reds owned by Rau & Fry, Indianapolis, Ind., won first prize pen, first cockerel and fourth cock. The pullet shown above was one of the females in the first prize pen. As this photograph shows, she was excellent in type and her color was full of life and brilliancy—the kind that has a rich, velvety appearance. All four pullets were of this quality being well matched in size, type and color, and they formed a strong pen for anyone to meet in competition. Birds of this strain have a wonderful show record, made in competition with the choicest birds that have been produced by America's most expert breeders. Under the management of Wm. F. Fry, we are confident that this record will be maintained, for a more careful student of standard-bred poultry and a more painstaking breeder we have never known.—A. O. Schilling.





# Policies and Politics in the American Poultry Association

**"With Malice Toward None", With the General Good In Mind, Mr. Robinson "Holds a Mirror" Up To The American Poultry Association and Very Frankly Discusses What It Reveals, Also Its Recent History and Present Condition. His Conception Of The Duties and Opportunities Of the President and Secretary of the A. P. A.**

By JOHN H. ROBINSON, Special Contributor

*"The time has come—to talk of many things,"*

*"With malice toward none" whom there may be occasion to mention, but with more consideration for the general good than for the interests and feelings of anyone.*

FOR half a year I was a tentative candidate for the secretaryship of the American Poultry Association. My interest in that office in preference to other possible fields of service, when making a change, was due to my having been asked at various times to serve the Association in matters which in my opinion ought to be done through the secretary's office. To put it another way, and impersonally, I do not consider a man really qualified for the position of secretary of an organization of this kind unless he can perform such services as were desired from me. I do not mean to intimate that my qualifications are unique either.

The suggestion of my candidacy was received as favorably as one, who for more than twenty years had freely expressed his views of Association affairs and of men and matters in the poultry world, could expect. The support offered me was good enough to create reasonable anticipations of good results from the try again process. Without being over-confident I could see a possibility of success at no very remote date good enough to warrant making other plans as I did to some extent—with a view to that contingency.

On the other hand there was in my mind from the first a question on a point affecting the work I wished to do in the office—in case I secured it; and also developments in another matter, different from what I anticipated (and I think not yet recognized except by a few persons), have created a situation which my plans in connection with the secretaryship would not fit. Hence instead of pushing the candidacy for the secretaryship I have taken advantage of an opening which removes me finally from running for that office.

The first of the matters to which I refer as affecting negatively my inclination for the secretaryship is the pros-

pect of the presidency of the Association going to a man distinctly below the average of presidents of the Association in caliber and in capacity to administer its affairs. My ideas of the development of the secretaryship called for men of a different stamp in the presidency.

The second thing is that a situation has arisen in connection with the publishing plans of the Association which in my opinion makes it advisable for it to take a different course from that which I indicated, and instead of limiting the present series of breed books to meet prospects of sales during the life of the 1915 Standard, to complete an entire series of breed books based upon that Standard, and defer another general revision until 1925.

## The Office of President

What I propose to do in this article is to discuss both of these matters and some others relating to them quite fully and very frankly. Before entering upon such discussion it is appropriate that I should state that while no longer a candidate either tentative or otherwise for secretary. I am a provisional candidate for the presidency of the Association.

My object in seeking the secretaryship being to do certain services in that office, it was with me a matter of first importance that during the time that I held the office of secretary—in case I should be elected to it—the president or presidents, of the Association should be men who were in a general way in harmony with the progressive plans I had in mind, and whose judgment and advice would be helpful. Indeed, with a reasonable amount of confidence in my own ability to do a secretary's part in the things proposed, I would be very reluctant to undertake anything of the kind without the right kind of supervisory co-operation in the president's office.

A year ago I would have said that was a point that did not need special consideration. But before the final ballot in the last annual election, it was apparent that the vice-president, Mr. A. A. Peters, intended to be a candidate for the presi-



White Orpingtons had a big boom some five years ago and breeders who have remained faithful to them are now reaping a just reward, for this truly valuable variety is now enjoying a steady growth in popularity. White Orpingtons of high quality are in demand and are bringing fair prices. The Orpington breed has much merit as a useful and fancy fowl. Their sensible type and good qualities have held them in the ranks of America's most popular breeds of poultry. Owen Farms, 115 Williams St., Vineyard Haven, Mass., have produced hundreds, nay, thousands of White Orpingtons and have sold large numbers of exhibition specimens. Indeed they have established a good trade in this variety of Orpingtons, based on the merit of their stock and the records that their birds have made when exhibited by them and by their customers. The cockerel shown above was one of Owen Farms' quality males that won second at the recent Palace New York Show, December 1916. He was a big, solid appearing specimen with immaculately white plumage. As a matured male he should be a wonder and no doubt will prove to be a valuable breeder. This is the kind that Owen Farms shows and sells to customers, the result being that they are establishing a better trade in Orpingtons year by year and are increasing the popularity of this deserving variety of a good English breed.—A. O. Schilling.





dency at the approaching election, and that unless someone at the same time more eligible and more capable should make an energetic campaign against him, Mr. Peters would in all probability succeed President Richards, the office virtually going by default to a man who, with many amiable qualities, does not seem to me to have either the caliber, the capacity, or the consistency demanded in the occupant of this office.

as to that, those who attended the convention know that Mr. Peters "presided" at the left of Mr. Frank E. Hering while that capable parliamentarian was present, and during the remainder of the convention, occupied the same position with relation to Mr. Charles D. Cleveland.

Ordinarily a man having no greater claims to the highest office in the Association would be satisfied with four terms in the vice-presidency during which he had enjoyed unusual prominence. It is to the credit of Mr. Peters' political judgment that he sees his opportunity for preferment; but it is a bad symptom in an organization when its highest office seems to be so easily opening to a man with no greater qualifications for it than he has shown.

To preside at conventions is but one of the functions of the president. Although it may be the most spectacular function, he has more power when the association is not in convention assembled. Then he is "the sole interpreter of the laws", with numerous opportunities and extraordinary power to modify action by the Association in such ways as he wishes, or to nullify it by inaction or inefficiency. In all the years that he has been vice-president Mr. Peters has not been placed on any committee. Anyone who chooses to analyze his attitudes as presiding officer will quickly find that he could not be depended upon to pursue any definite course in Association affairs. His one and only policy seems to be to

(Continued on page 185.)



The first prize Rose Comb Red cockerel at the recent 1916 Chicago Coliseum Show, was another one of those attractive males which Mr. D. K. Williamson, proprietor of Longfield Poultry Farm, Bluffton, Ind., has been showing in recent years. He was a long-bodied, well-formed individual with a neat, close-fitting rose comb. Although not fully matured in neck and body plumage, nevertheless he was the gem of his class. He was very even in color with the gloss and snap that causes the passer-by to stop and examine him with growing admiration. Longfield Reds have strong merit. Particularly have we noted their level body carriage, neatly folded wings and full deep breasts. These are some of the qualities that have helped them to win in the strongest competition at the best middle-west shows. They have won best display at the Chicago Coliseum Show during the last four years, and during the past five years they have won six times as many ribbons as any other exhibitor.—A. O. Schilling.

Consider the career of Mr. Peters in A. P. A. affairs. He appeared at St. Louis in 1910 at the head of the delegation working to get the next convention at Denver. There in 1911 he had charge of arrangements for entertaining those in attendance, and did this so much to their satisfaction that, as a "reward of merit," he was given their support when he ran for the vice-presidency. Because E. B. Thompson, who was elected president at the same time, has a respiratory trouble that would be aggravated by the effort and strain of presiding over a convention held amid the unquiet surroundings, that duty of the office was assigned to the vice-president during his incumbency. Again at Cleveland, due to the absence on account of sickness of President Richards, the functions of the president in connection with that convention were performed by Mr. Peters.

Some months before the convention, it was whispered that some now advocating Mr. Peters' election to the presidency were seriously considering whether to pass him over in case the president could not preside, and put in the chair someone not so easily responsive to the impressions of factions and the mere moods of conventions. Whatever may be the truth



We have seen Mr. D. K. Williamson, proprietor of Longfield Poultry Farm, Bluffton, Ind., show many wonderful Rose Comb Reds during the past few years. In particular, we recall their wonderful cock that was sweepstake champion male and winner of first prize at the 1915 Chicago Coliseum Show. This year Mr. Williamson came back with a Rose Comb Red hen that was another marvel. The above picture is a faithful photograph of this wonderful female. She is a Rhode Island Red in type and color, and is one of the kind that we may say is ahead of her class. The oblong body shown in this picture is characteristic of the Longfield Reds and when this type is combined with rich, deep glossy red plumage, then we have a specimen about which all Red breeders can grow enthusiastic. This female's under-color and wing-color were almost faultless and it is our sincere hope that she will reproduce herself many times this season. Longfield Rose Comb Reds form one of the strongest flocks in the country, which fact seems to be well proved by the excellent show record they have made for a number of years.—A. O. Schilling.





SECOND PRIZE YOUNG PEN R. C. R. I. REDS, CHICAGO COLISEUM SHOW DEC. 1916  
 Bred And Owned By THE 1733 RANCH KEARNEY NEB.

That the large flocks of R. C. R. I. Reds at the 1733 Ranch, R. 6, Box 9, Kearney, Neb., contain some of the best blood lines in existence was made evident by the excellent winning of their entries at the Chicago Coliseum Show, held December, 1916. In a class of 285 Rhode Island Reds, including those shown in pens, 1733 Ranch won as follows: first and fourth cocks, fifth hen, third cockerel, third old pen and second young pen. The first prize cock was a remarkable bird in type and no doubt he will prove an invaluable breeder. Another star male shown by them was the cock heading third old pen. He was of a large, attractive type, and the third cockerel was another one showing proper type. These birds are excellent males to head breeding yards this season and we shall expect excellent results from this season's matings when the youngsters are rounded up next fall. The second prize young pen shown above was much admired by breeders at the Chicago Show. They were remarkable in evenness of color, while the male especially was considered good by those who appreciate the best in Red color and type. 1733 Ranch also showed a fine string of R. C. R. I. Whites that won first hen, second cockerel and first pullet. This new variety is becoming popular in the middle-west and from all reports they have quality that demands recognition. The Rhode Island Whites shown by this farm possess better R. I. Red type than we had expected to see.—A. O. Schilling.



# Boston Show

## January 9-13, 1917



Take It All In All, The Boston Show Held January 9-13, Should Be Numbered Among the Best—Well Termed a Fanciers' Show—Mr. Robinson's Report Will Be Read With Unusual Interest—Mr. Geo. W. Tracy Reviews the Red Classes

BY JOHN H. ROBINSON, Special Contributor

TO look at it as a first-class all-round poultry show the Boston Show of 1917 was as good as the best that I have seen anywhere. It was not quite as large as some in recent years but the reduction being principally in the pigeon classes, and the poultry exhibits consequently having more room, the effect from a poultryman's point of view was beneficial, for the poultry could be seen to better advantage than at any show I have attended for a number of years.

Good as the show was as a whole, this result was due as much to the absence of weak spots as to strong classes. Indeed the strong classes were generally not in the more popular varieties. The popular varieties, while well represented in quality were not generally large classes as numbers have been accustomed to run at this show. But there were very few classes not represented by a few entries of good quality, and the result was an impression of completeness as you went about the show, which was very pleasing.

Barred Plymouth Rocks were the largest class in the show, and the class was generally pronounced by those interested in this variety the best that has been seen here for many years. Some declared it the best class ever seen at Boston, but I don't think that comparison would hold if limited to the Standard classes. About one-third of the single entries and two-thirds of the pens were of cockerel-bred females and pullet-bred males and these were on the whole so good in barring and so near the shade preferred in exhibition birds, that the class including them presented greater uniformity of color than is sometimes seen in the regular open classes. It is interesting to note that of the 257 birds of this variety in the show, all but 23 were the entries of New England breeders.

White Plymouth Rocks were another class in which competition was quite local, only 14 out of 139 birds coming from west of New England. This was a very good class, fully up to

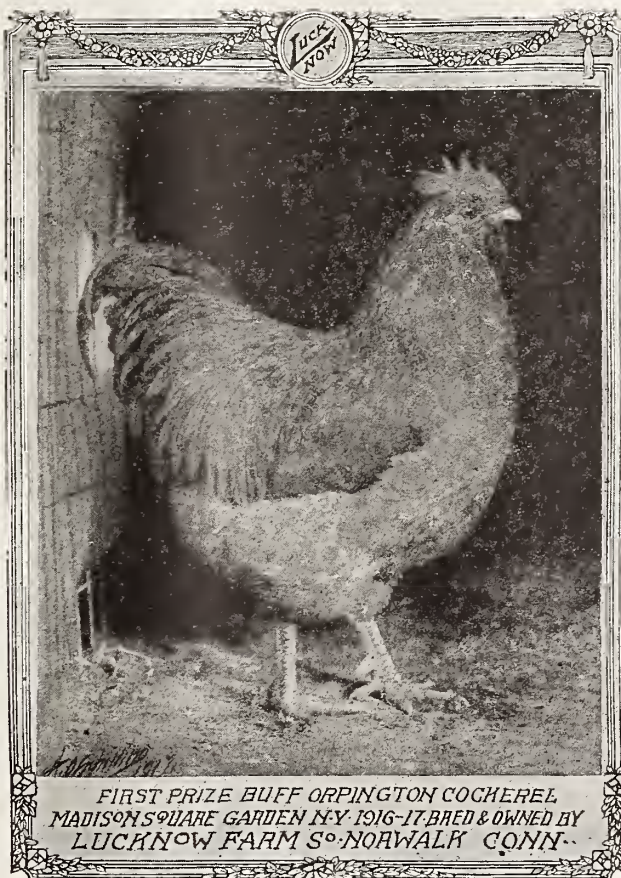
standard as to the winners, but I would say with not so many superior birds among the unplaced entries as is usually the case at this show.

The Buff and the Partridge Plymouth Rocks were the only other Rock varieties to come out well. Silver Penciled and Columbians had but very scant representation, and the few quality birds among them looked lonesome. Buffs and Partridges were good enough and numerous enough to uphold the prestige of their breeders.

White, Silver Laced and Columbian Wyandottes led in that breed, but a class of 84 White Wyandottes is a very small class for Boston, or for any big show, and a tremendous shrinkage from the days when the ordinary class of White Wyandottes here ran over 300 and the record class near 600. The explanation of the small class this year is that by a coincidence the big breeders all stayed out at the same time. The exhibitors this year were nearly all men breeding on a small scale, who have been getting a share of the prizes for years, hence the character of the class is unchanged though the numbers are far below normal. It is to be anticipated that after so small an exhibit this year White Wyandottes will be at Boston in force in 1918.

The Silver Laced and Columbian varieties were only a little behind the Whites in numbers, and were large classes for those varieties. The Silvers were very attractive in color, except that too many of the males were smutty and brassy in hackle, back and saddle. I heard one admirer of Wyandotte type as it is found in the Whites most frequently, but occasionally in other varieties, lamenting that that type in the good old American blood was almost extinct in the Silvers, nearly all the birds showing still the traces of the infusion, a dozen years or more ago, of the English blood that was so nice in color, but with no resemblance to true Wyandotte

(Continued on Page 220)



At the recent Palace New York Show the Lucknow Farms exhibited a string of Buff Orpingtons that carried off practically all the honors. It was indeed a pleasure to go over the birds with Mr. Sprague who is producing one of the finest lines of Buff Orpingtons bred today. He was showing a number of cockerels that, in my opinion, possessed some very uncommon characteristics that it is desirable to introduce into the Buff Orpington flocks of the present day. We refer to the neat, well-made heads, the beautiful, regularly-serrated combs and the big, solid body that carries plenty of meat in the different sections. These are some of the points shown in the cockerel above who was easily the star of the Buff Orpington class, and we hope that Lucknow Farms will produce many more like him. We know they possess the quality of birds that will produce winners and we predict that this strain under its present management will continue to win its share of honors at such shows as Madison Square Garden and Boston for they have held their own in strong competition. A. O. Schilling.



# AMERICAN POULTRY WORLD

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## EDITORIALS

### E. B. THOMPSON, BARRED ROCK SPECIALIST, CLINCHES HIS RIGHT TO USE THE WORD "SUPREME" IN DESCRIBING HIS GREAT STRAIN

Again at the Madison Square Garden poultry show, held in New York City December 29, 1916, to January 3, 1917, truly the sweepstakes exhibition of this continent, E. B. Thompson once more swept the deck, with competition open to the world.

## Increase in A. P. W. Subscription Price

**B**EGINNING with this issue, on account of the astonishing advance in the cost of paper and other items of production, the subscription price of the American Poultry World is increased from 50 cents to 75 cents per year. Single copies in future will be 10 cents each in place of 5 cents.

Take the cost of paper as an example. Throughout 1915 and during most of 1916, we bought the print paper used for these pages at \$3.80 per hundred pounds, f. o. b. Lockport, N. Y. Lately we paid \$9.75 and \$13.00 per hundred pounds for paper not as good, which paper is used in printing this issue of the "World."

The cover paper used for this edition of A. P. W. cost \$13.25 per hundred pounds, whereas twelve months ago we bought equally good cover stock at \$4.25 per hundred pounds. And at present it is hard to get usable paper, even at these high prices. For November we were forced to use an inferior grade of cover stock or go without, and in this month's issue will be found several pages that consist of much thinner paper than we desire. For this identical lot of thin paper we had to pay 13 cents per pound, or \$13.00 per hundred. For the time being it was that, or nothing.

November 16th we were forced to pay 9½ cents per pound for a cheap grade of brown wrapper paper, for use in rolling and mailing our journals. December 15th, just thirty days later, we had to pay 12 cents per lb. for this same grade of wrapper paper. In normal times good wrapper paper could be bought for 4 cents per lb.

At the present prices for paper (print paper and cover paper) it costs more than forty-one cents for the blank paper alone that is used in making up twelve monthly issues of A. P. W. This includes nothing at all for postage, printing, binding, art work, cuts, cost of articles, office expenses, etc. Under such conditions we are forced to increase the subscription price of the "World", regardless of our wishes in the matter. We prefer to do that, rather than to reduce the number of reading pages by one-half, or cut down the quality of articles, art work, etc.

The 75-cents-per-year subscription price is hereby announced, but all PRESENT SUBSCRIBERS can renew for one year at the 50-cents-per-annum rate (or three years for one dollar), provided they do so during the next two months—January and February; but after March 1st, it will be necessary to send 75 cents for a year's subscription, or \$1.50 for three years, if you reside in the United States, or \$1.00 per year and \$2.00 for three years if the journal is to be mailed to Canada, or \$1.25 a year, or \$3.00 for three years to any other foreign country. Simply ask that your subscription be EXTENDED either one year or three years, and we will comply.

THE SAME OFFER for January and February, for either one year or three years, hereby is made to NEW SUBSCRIBERS, both in the United States and foreign lands.

Respectfully yours,  
AMERICAN POULTRY PUB. CO.,  
Grant M. Curtis, Pres.

Ten years ago it was a question as to who would be supreme in the production of cockerel-bred males. Four to five years ago this question was settled in Mr. Thompson's favor.

Four or five years ago the question was: Who is to "reign supreme", to quote the words of Mr. Thompson, in the production of high-class pullet-bred females. At the show held a month ago in historic Madison Square Garden, this question also appears to have been answered in favor of Mr. Thompson.

At the recent Garden Show two other highly successful breeders of pullet-bred Barred Rock females had the pick of their flock on exhibition in competition, but these birds, in a majority of cases, were defeated by Mr. Thompson's Barred Rock females, his hens and pullets winning first and second in both classes. Following are Mr. Thompson's notable winnings at this greatest of American poultry shows for the current season:

Cocks—1, 2, 3, 5 prizes.  
Cockerels—1, 2, 3, 4, 5 prizes.  
Pullets—1, 2, 4 prizes.  
Hens—1, 2, 3, 5 prizes.  
Exhibition pens—1, 2, 3, 4, 5 prizes.  
Grand Special Sweepstakes Champion Male.  
Special, Sweepstakes Champion Female.

Special for Best Shaped Male.  
Special for Best Colored Male.  
Special for Best Shaped Female.  
A. P. A. Diploma for Best Cockerel.  
Special for Best 5 Males.  
Special for Best 5 Females.  
Special for Best Display.  
Special for Best Exhibition Pen.

It is a surprising fact that notwithstanding the well known difficulties of breeding high-class exhibition Barred Plymouth Rocks, Mr. Thompson, with competition open to all comers, on his chosen variety won more first, regular and special prizes than any other exhibitor of any breed. Also in his latest printed matter Mr. Thompson is now in a position to make these two claims:

"First Prize Pullet and Champion Female three years in succession."

"Champion Male seven years in succession."

As a matter of course, the two foregoing claims refer to the Madison Square Garden show.

Mr. Thompson is truly entitled to the great success he has achieved—to the high honors he has won in his chosen field of effort. Fully thirty years ago he began to exhibit Barred Rocks at the Garden Show, held in the building which formerly bore that name, and during the quarter of a century that the present Garden has been in existence, he has ex-



hibited at practically every annual show. No other man has been at it longer—no other poultryman has equalled his successful record in the breeding and exhibiting of this difficult, but widely popular variety. Long life and success to him.

The E. B. Thompson strain of Barred Plymouth Rocks, known as the "Ringlets", is now owned by a partnership. This partnership consists of E. B. Thompson, of Valentine Thompson, a son, and of John Thompson, a nephew of E. B. Thompson. As a caretaker of choice poultry, Valentine Thompson has no superior. John Thompson is an experienced office man, as well as a poultryman. He has been associated with his uncle in this work for a long time and is completely wrapped up in it.

Here is a combination that it would be hard to excel in practical results. The best brains and the most patient labor of these three men are devoted to the continued improvement of the Ringlet strain of Barred Plymouth Rocks. Unequalled success has crowned their efforts, but it has been merited—fully so. To equal or excel them, the numerous competitors of the Ringlet strain must equal or excel the brains, hard work and patient effort of the three Thompsons, "E. B., Valentine and John." Take it from us, it will be some task to do this, but the road is open to all comers. Some time it may happen, but when?

#### GOOD FOR E. E. RICHARDS—MAY HE AGAIN BE SUCCESSFUL

The best item of A. P. A. news that we have received in months was contained in a letter of date January 10th, addressed by E. E. Richards to the editor of American Poultry World. We are pleased to quote from this letter as follows:

"I have been importuned by a great many of my friends who know something of the work I have been doing for the last few months, that I become a candidate to succeed myself, owing largely to the fact that I did not have my full two years' administration. \* \* \* Have decided, therefore, to stand for the nomination for re-election."

Replying to Mr. Richards' letter under date January 13th, we wrote him:

"Acknowledging yours of the 10th inst., marked 'personal', so far as the interests of the American Poultry Association are concerned at this time, your announcement of the intention to stand for re-election to the high office of president is the best news that could reach the membership and all friends of poultry culture who believe that this organization can be of help to the industry."

"Shall be glad to announce your decision in the February issues of both the 'World' and R. P. J., and shall congratulate the Association on its opportunity to continue you in office for another year. I agree with you that the matter of the two Separate Breed Standards now under preparation is at stake and I feel that you are one of the few men who can save them."

More or less has been said and quite a little has been published about electing Arthur A. Peters, vice-president of A. P. A., to the high office of chief executive.

## Foremost Prize Winners and the Men that Produce them

**W**ILBURTHA Poultry Farms, 32 River Road, Trenton Junction, N. J., have been among the most consistent and persistent winners in the Columbian Wyandotte classes in this country. We have seen their display in competition at numerous shows, north, east and west, and we cannot recall a single defeat they have suffered. The fact is they generally have won the larger part of the honors competed for and at times they have made a grand sweep.

Their victory at the recent Garden Show is a sample of what Mr. D. G. Keyler, specialist in Columbian Wyandottes at Wilburtha Farms, has been doing. In the single classes with 42 contestants they won first and second cocks; first hen; first and third cockerels; fourth pullet and first pen.

Their first prize cockerel among this group of winners, is shown in colors on the front cover of this issue. He is a bird of remarkable type and form and is well modeled and rounded in all sections. All in all, he is a very desirable bird, both for exhibition and breeding purposes.

Mr. Chas. J. Fisk, proprietor of Wilburtha Farms, has been an ardent admirer of this worthy variety for some time, and has encouraged the development of his flock of Columbian Wyandottes year by year until today he is owner of one of the finest flocks in existence.

Columbian Wyandotte breeders have made successful progress during recent years in perfecting their favorites so that we now find among the exhibits specimens that are the equal of the

best Brahmas in color. We recall particularly some of the birds we handled during our visit to Wilburtha Farms last spring. The breeding pens were still mated and it was indeed a pleasure to see and study some of those winners. We found numerous females with remarkable wing and tail coverts, laced neatly and distinctly. Mottled backs on females are passing away rapidly, in fact we saw very little trace of this defect at Wilburtha.

Among the birds we recall seeing there was the Garden hen that carried off first honors two or three years in succession, also the old grandsire of some of the more recent winners. He is still a bird of remarkable color and type considering his age. We doubt whether we have ever seen so many good Columbian Wyandottes on any one farm as we saw at Wilburtha Farms. Good birds were not the exception, they were the rule! We found them in all the pens, and these old birds with the grand lot of youngsters growing up gave us the impression that Wilburtha Columbian Wyandottes were bound to win again this winter—and they did! Their show record tells the tale.

Mr. Fisk has a happy combination of experts in Messrs. M. L. Chapman and D. G. Keyler. Each is an expert in his line and they have many times proved their ability as breeders and exhibitors. Under the present management Wilburtha Poultry Farms is bound to produce winners and to continue the remarkable show records they have made in the past.—A. O. Schilling.

## Smith's White Leghorns Win Again at Chicago!

At the National Meet of the Single-Comb White Leghorn Club at the Greater Chicago Show, Jan. 10 to 16, 1917, in the largest and strongest class shown in Chicago this season, I won four firsts and best display over the cream of the east and the west, under an eastern judge and a western judge, and on *birds of my own breeding*. Here it is: 1, 5, 7 cock; 2, 8 hen; 3, 5, 6, 7 cockerel; 1, 2, 4, 5 pullet; 1, 2, 5 old pen; 1, 3, 4, 5 young pen. And besides, ninety-five per cent of the birds I have sent out this last show season, in the hands of my customers, have won the blue, and many of them won championships of the entire show (probably more than any other breeder has furnished this season). And many others were hatched from eggs I sent out to customers last spring. *Ask my customers!* No broken-down tails, no faking, *just quality!* My 1917 matings are even better than last year and they will produce *real quality* for you and for me. New Catalog telling about them sent free upon request. Eugene Smith, 315 Galena Boulevard, Aurora, Illinois

## Single TOMPKINS' RHODE ISLAND REDS Rose

Made the grand win of 3 firsts, 4 seconds, 5 thirds, and some smaller prizes also Grand Eastern Display Cup of the R. I. Red Club for best display of Reds, at the Grand Central Palace Show, New York, in December. Hundreds of breeding birds ready to ship on a minute's notice.

Write your wants fully to

**HAROLD TOMPKINS,**

Eggs for Hatching.

**Box W,**

Prices Reasonable.

**CONCORD MASS.**



A worse mistake could not be made, provided the Association places proper value on initiative and wishes to make real progress. There are a dozen other men who are much better qualified for this work than is Mr. Peters, including, as examples, Mauriee F. Delano, Chas. D. Cleveland and Chas. J. Fisk. However, the re-election of Mr. Richards is by far the best move the Association can make at this time. It is a case of "coming to the rescue" on the part of Mr. Richards, and A. P. W. wishes him success.

#### HOW JOHN S. MARTIN SELLS POULTRY—ALSO HOW HE RAISES IT

Editor of A. P. W. spent New Year's day in attendance at the Madison Square Garden poultry and pigeon exhibition, New York City, and enroute home enjoyed the company of John S. Martin, Port Dover, Canada, well-known specialty breeder of White Wyandottes. Mr. Martin had made a flying trip to South Framingham, Mass., where he had bought quite a number of White Wyandottes from Arthur G. Duston. Lately Mr. Duston embarked in the grocery business and Mr. Martin learned that his entire flock of White Wyandottes was for sale, representing blood lines that reach back unbrokenly fifteen to twenty years.

We should like to have the reader of these lines make a guess at the amount Mr. Martin received in cash for White Wyandottes and eggs for hatching during the three years that ended December 31st, 1916. In making up your guess, you will want to take into account the fact that twenty-nine of the thirty-six months which form the three years here referred to, were war months, also that Canada has been actually at war during the last thirty months.

The answer to the above question is \$97,000. Certainly that is going some. Another point: Last spring Mr. Martin sold over \$13,000 worth of eggs for hatching from the one variety. Not many poultrymen, either in Canada or the

United States, can equal this, even though they are breeding two varieties or several varieties. During the two weeks, prior to the flying trip made by Mr. Martin to South Framingham, he made no less than seventy shipments of breeding stock, ranging from one bird to forty-six.

At the time of our visit on the train, the forenoon of January 2nd, Mr. Martin had over two hundred little chicks out for this year's crop. His method of brooding and rearing newly hatched chicks during mid-winter in Canada is worthy of imitation by all other readers of A. P. W. who are aiming to get out early chicks and have them do well right from the start.

Mr. Martin uses the old-time popular hot-water brooding system with overhead pipes in his brooding house and keeps the chicks fifty in a flock. When they are five days old they are allowed out of doors. He simply sweeps the snow away in the connecting pens outside the brooder house, opens the small exit door and lets them go in and out at will. While the chicks are young, during cold winter weather, the temperature of the brooding house is kept at ninety degrees down on the floor where the chicks are.

At first these chicks go out of doors only for two or three minutes—perhaps five or ten minutes, then they scamper back and get warm. Soon they try it again and later they keep it up. With each new lot of chicks care is taken the first day to see that they do not try to hover in some corner out doors. The danger of this is not so great in really cold weather as it is when spring approaches and it is warmer out of doors. Said Mr. Martin:

"When chicks are hatched, especially the healthy kind, they are well covered with a thick coat of down that you might just as well call fur. It is close together—compact. It is a warm covering, especially when the chicks are but a few days old. If they are 'forced' in a warm temperature and grow too fast, this coat of fur separates and exposes the skin or flesh to the cold, but if you let them out when but five days old, it is ample protection against zero weather and below. I am not talking theory, but oft-repeated experience.

"If you are going to print what I am saying, be sure to tell your readers to start to let the chicks out into winter cold when five days old. If they wait until the chicks are

two or three weeks old, keeping them in meantime, thinking that the cold weather will chill them before this, they will have made a fatal mistake. By that time the chicks will have softened in place of being hardened and the results will be disastrous. Trust the little chicks to come in and get warm when they need it. Simply see to it that they know the way to accomplish this. Stand some boards on edge just outside the exit, giving them only a small amount of room and arrange the boards so that the natural thing for them to do will be to run back into the house. After they have done this half a dozen times, or only once, in a majority of cases, and have learned how comfortable the heat is, you need not do any more worrying."

By the above mentioned plan Mr. Martin has built up an extra hardy strain of White Wyandottes, probably the equal of any in North America. He has two strains—the Regal strain which produces exhibition specimens for him and his numerous customers and the Dorcas strain that is noted for prolific egg yield. He can furnish abundant testimony as to the quality—meaning the success—of both of these strains.

Other poultrymen who wish to achieve similar success to that enjoyed by John S. Martin, ought to study his methods. This can be done by reading his advertisements and his printed matter. Would advise that ambitious readers of this article write to Mr. Martin for his latest catalogue. Others can do what Mr. Martin has done if they will follow the same general course of enterprise and common sense. Years ago he decided what the public would want in the way of superior White Wyandottes and then he proceeded to get ready to meet the demand. This demand, during the war years of 1914, 1915 and 1916, reached the remarkable figures of \$97,000 for fowls and hatching eggs from the one variety.

#### LATEST TRIUMPH AND CONTINUED SUCCESS OF D. W. YOUNG, MON- ROE, N. Y., MASTER BREEDER OF S. C. WHITE LEGHORNS.

At the recent Garden show, in the strongest competition he has ever met, D. W. Young, Monroe, N. Y., the world's foremost specialty breeder of standard quality S. C. White Leghorns, again came off victorious, winning as follows:

## HAWKINS' BARRED ROCKS CHAMPIONS EAST AND WEST

No other strain in America has made such sweeping victories at the World's Greatest Shows

### Boston, New York, Chicago and the World's Fair, San Francisco

At Boston, 1915, in competition with the leading eastern breeders in the best exhibit of Barred Rocks ever seen in Boston, they won 1st and 4th cocks; 1st and 2nd hens; 1st cockerel; 1st cockerel-bred hen and 1st pen, 1st and 3rd pullet-bred cocks. Specials for Best Display, Champion male, Best Colored male and female.

At the World's Fair, San Francisco, 1915, I entered a cock and hen and won 1st hen, Grand Champion Female and 2nd cock, after shipping 3500 miles.

At Chicago, I made a clean sweep two years in succession, competing with 654 birds, the "Aristocrats" of the West, including Best Display, Champion Male and Female.

At New York, for 32 years they have won more prizes than any other strain. An entire flock of 21 pullets of this strain averaged 207 eggs in one year. Show birds to win in any company and high class breeders for sale. Eggs from the World's Best Matings, 1 setting, \$10.00; 3 settings, \$25.00. Big catalog of the Champions free.

A. C. HAWKINS,

Lock Box 30,

Lancaster, Mass.



Cocks—1, 2, 3, 4, 5 prizes in a class of 39.  
Cockerels—2, 3, 4 prizes in a class of 49.  
Hens—1, 4, 5 prizes in a class of 33.  
Pullet—1st prize in a class of 35.  
Pens—1st and 2nd prizes in a class of 18.  
Sweepstakes Special for the best bird in the largest class of the show.  
Special for Best Display.  
Special for Best Cock.  
Special for Best Hen.  
Special for Best Pen.

Single Comb White Leghorns were the largest class at this great show. Mr. Young did not have a walk-away. He lost first cockerel to Owen Farms, also a number of other truly desirable prizes. Others, including old hands at the business, tried hard to wrest some of the coveted prizes from Mr. Young, but with the exception of Owen Farms they were not successful.

Mr. and Mrs. E. B. Martin, Downey, Cal., came on from the Pacific Coast, bringing with them thirty-eight choice specimens. Unfortunately their birds did not have a fair chance. The baggage car that had been chartered specially for them, was side-tracked at Kansas City, Mo., and remained there forty-eight hours in a temperature twenty degrees below zero, without attention. The Pullman in which the Martins traveled east was put into another train and during the mix-up their trunk containing special soap and other equipment for washing their birds on arrival in New York, was lost somewhere. Up to New Year's day, it had not been located.

Editor of A. P. W. met the Martins at the Garden show and learned the facts about their series of mishaps. When the Martin birds reached the Garden, there was not even a heated room in which to wash and dry them. Neither clean water nor proper soap was at hand for the work. In helping out, Mrs. Martin contracted a severe cold which threatened pneumonia and became quite ill. She was confined to the hotel under the doctor's care several days. We saw the Martin birds at the Garden and they were far from being in good show condition. However, it is but fair to say, in behalf of Mr. Young, that if the Martin birds had been in condition, they could not have won in competition with the works of living art that he entered.

These D. W. Young White Leghorns are several years ahead of the Standard

### ADVERTISERS GUARANTEED

Mr. Curtis, as business manager of the American Poultry World, has personally scrutinized the advertisements and references of all display advertisers, whose business announcements are to be found in this issue of the American Poultry World and every such advertisement is covered by the guarantee of the American Poultry Publishing Company, reading as follows:—

We guarantee our subscribers against loss due to fraudulent misrepresentation in any display advertisement appearing in the AMERICAN POULTRY WORLD, providing the subscriber, when ordering the fowls or merchandise, states that the advertisement was seen in the AMERICAN POULTRY WORLD, and places the order during the month or months in which the advertisement appears in our columns and promptly notifies us of the fraudulent misrepresentation of the advertiser, giving full particulars.

In cases of dissatisfaction, we ask for a prompt report, giving full particulars—and in fairness to us, we also ask that in every case where a subscriber to the "World" writes for prices or orders goods from our advertisers, that you state that the advertisement was seen in these pages. This is fair notice to our advertisers that you are a subscriber to the American Poultry World; that their business announcement, as published in these columns, is covered by our guarantee AND THAT, THEREFORE, THEY ARE COUNTED ON TO TREAT YOU FAIRLY AS A CUSTOMER.

of Perfection, 1915 edition. Irving C. Rice judged the White Leghorns at the Panama-Pacific show, November, 1915, and also placed the awards in this class at the Garden exhibition, December 29, 1916, to January 3, 1917. Mr. and Mrs. Martin have aimed to breed their White Leghorns as closely as possible, with intelligent and painstaking care, to the word description and illustrations contained in the 1915 Standard, but Mr. Young had gone on ahead of that. For a decade or more he has set the pace in

standard-making, as regards his chosen variety, and really it is not enough today to "equal the Standard"—if this were practicable—in order to defeat D. W. Young at the Garden show.

Mr. Young lives within a hundred miles of New York City and each year he puts in three hundred and sixty-five days getting ready for the competition he expects to meet at this exhibition. Even if the Martin birds had been fully the equal of the choicest specimens in the Young flock, it would have been next to impossible to transport them 3,500 miles across the continent in mid-winter and to then put them into condition in unsuitable quarters for successful competition at the Garden.

The Martins have excellent stock—of this there can be no doubt. Mr. Young heartily congratulated them at the Garden and Mr. and Mrs. Martin appreciated not only the masterpieces placed on exhibition by Mr. Young, but also his cordial welcome and friendly interest. It was not until December 12th that the Martins decided to show at the Garden, on which date they sent in their entries by telegram. They did not make arrangements in advance for proper care of their birds on arrival in the eastern metropolis and one mishap after another reduced their chances of victory. Nevertheless, they enjoyed the trip, despite the illness of Mrs. Martin, and they left for home at the close of the show fully determined to try again at some leading eastern exhibition, after they had learned more about the conditions that must be overcome.

Another statement should be made here in fairness to all concerned. In our report of the S. C. White Leghorn winnings at the Panama-Pacific Exposition, November, 1915, A. P. W. stated that no eastern blood had been used in developing the strain of S. C. White Leghorns that the Martins, five and a half years before, had bought from J. C. Williams, of Fullerton, Cal. Contradicting this statement, Mr. Young of Monroe, N. Y.; Eugene Smith of Aurora, Ill., and one other eastern breeder sent us evidence of the fact that they had sold eggs for hatching direct to J. C. Williams, or had sold breeding stock to William Brace,

# An Astounding Victory

## 12 BLUE RIBBONS at the Chicago Coliseum December 13-18, 1916



Coliseum Winners

### S. C. WHITE LEGHORNS

Cocks	Hens	C's	Pullets	Old Pen	Young Pen
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5					5

We scored 137 points. Our competitors 37.  
We won all trophies and specials.  
We won the D. W. Young Cup for 1st cock,  
1st hen, 1st cockerel, 1st pullet.

### SILVER CAMPINES

Cocks	Hens	C's	Pullets	Old Pen	Young Pen
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5

We scored 134 points. Our competitors 40.  
For four consecutive years we have won the  
Coliseum Sweepstakes Championship.



**STOCK—Beautifully conditioned for any show. Write for free literature.**

**HATCHING EGGS—From pens assembled by expert breeders. Write for Mating List.**

**BABY CHICKS—A mammoth incubator enables us to supply vigorous chicks at any time from any mating.**

**FRANK E. HERING, Proprietor,**

**D. H. WETMORE, Superintendent**

**Desk H**

**South Bend, Indiana**



deceased, formerly of Victory N. Y., later a member of the firm of Williams Bros. & Brace, Fullerton, Cal. This evidence appeared to be conclusive. We have omitted the name of the other eastern breeder because his statement was not made to us in writing or in person.

Since the Martins purchased the J. C. Williams flock of S. C. White Leghorns some six and a half years ago, they have not introduced any eastern blood nor gone outside of their own yards for new blood, either in the form of breeding stock or eggs for hatching. Of this statement we have no doubt whatever. Mrs. Martin certainly is one of the most competent poultry women in the country and under her intelligent care and patient attention we have no doubt that the Martin strain will continue to improve. At present it is easily the best strain of S. C. White Leghorns on the Pacific Coast, to the best of our knowledge and belief.

#### PROGRESS AND SUCCESS OF THE BUCKEYE INCUBATOR COM- PANY, SPRINGFIELD, OHIO

Fifteen or sixteen years ago, at which time the editor of A. P. W. was "on the road" representing a western poultry journal and soliciting advertising, we visited Springfield, Ohio, and met a Mr. Homan, who at that time was president and manager of the Buckeye Incubator Co., that city. The offices of the company were at Mr. Homan's residence—at least that was where we found him occupying a desk and handling correspondence.

We shall never forget that visit. What took the wind out of us, so to speak, was Mr. Homan's reply and line of argument when we asked him for a moderate amount of advertising. Said he, in substance:

"You ought to be glad to carry a half-page or quarter-page advertisement for us every month in the year free of charge, because our goods are becoming so popular that it will give standing to your paper if your subscribers and other people who pick it up see our business announcement in it. Just now we are not placing any cash advertising, but if you show good judgment, you will run a large advertisement each month for us for the benefit it will do your poultry journal."

William Cook, "the original", the man who put Orpingtons into the English Club Standards, also into the American Standard of Perfection, had the same idea. He told us about it some ten years

ago at the Madison Square Garden show. He said he had furnished Queen Victoria with Orpingtons; also that other royal and noble personages were his patrons, and that English poultry journals gladly published his advertisements without charge, just for the sake of having the reading public know that he would allow his business announcements to appear in their pages.

We did not accept any advertising at the terms offered, either from Mr. Homan or from Mr. Cook. Both advertised later on in the paper we represented, paying cash for same on the basis that everybody else did.

We wonder if Mr. Homan is living now. For the past five or six years he has not been connected with the Buckeye Incubator Company. On the other hand, it is during these five or six years that the Buckeye Company has made its greatest progress. Perhaps Mr. Homan had the right "dream" about it, but it has taken George H. Cugley, now head of this company, to place its goods in the position that Mr. Homan had in mind, or substantially so.

The progress and success of the Buckeye Incubator Company during the last five years, despite the fact that almost three of these years have been "war times", is truly remarkable. This success is a great personal tribute to Mr. Cugley, also to the practical value of the goods manufactured by his company. During the past three years, for example, while the manufacture and sale of up-to-date poultry equipment was seriously affected by war conditions, plus the foot and mouth disease quarantine, etc., the upward and onward success of the Buckeye Incubator Company has been continuous. Doubtless, it would have been far greater if general conditions had been better, but it has been phenomenal nevertheless. All credit for this to Mr. Cugley and his business associates.

#### NAMED WHITE LEGHORNS "THE BUSINESS HEN OF AMERICA"

Editor of A. P. W. is not sure that it was C. H. Wyckoff, formerly of Groton, N. Y., now of Aurora, N. Y., who first styled the busy and prolific White Leghorn hen "the business hen of America", but as we now recall it he was the first one to give her this title, so far as our recollection goes. It was sixteen to eighteen years ago that we paid our first visit to the 65-acre farm owned by Mr.



## Pittsfield

### Boston Winnings 1917

Four Firsts, Four Seconds, Four Thirds and others. Fifteen Regular Prizes and Twelve Special Prizes. Most important of all, the Prize for the Championship Female Barred Rock.

#### World's Largest Producers of Day-Old Chicks

We are the world's largest producers, setting at our Holliston plant alone 170,000 eggs at one time and producing in all of our plants, in one year, 1,000,000 chicks. The Pittsfield strain is nationally known for health, vigor and heavy laying.

#### Day-Old Chick Prices

For deliveries in regular season, February 20th to May 5th:

	25	50	100
Barred Rocks....	\$5.00	\$10.00	\$18.00
White Rocks....	5.50	11.00	20.00
R. I. Reds.....	5.00	10.00	18.00
S. C. W. Leghorns	4.25	8.50	15.00
White Wyandottes	6.00	12.00	22.00

Write for prices before February 20th—reduced prices begin after May 5th.

Get your advance order in now—no money down—just say how many, what breed and when you want them. Each customer sent, before shipment, free treatise on how to care for and feed chicks, from day-old to maturity.

#### GENTLEMEN'S FANCY DAY-OLD CHICKS

Limited number of fancy-feathered chicks in Barred and White Rocks for \$30 per 100, and White Leghorns for \$25 per 100.

#### BREEDERS AND EXHIBITION EGGS

Order breeders and eggs from our Winners. Eggs from \$5 to \$25 per setting. Barred and White Rocks only in Exhibition Quality.

We guarantee safe delivery

#### PITTSFIELD POULTRY FARMS

276 Main St., Holliston, Mass.

# Wyckoff's S. C. White Leghorns

## Acknowledged Everywhere The World's Greatest Laying Strain

Unequaled in standard qualities. Remember that we are the **Originators** and for over 35 years specialty breeders of the justly celebrated **Wyckoff Strain of S. C. White Leghorns**, the most profitable strain of poultry in America today. Place your orders at headquarters and make no mistake. **Eggs for Hatching** in any quantity from the grandest of matings. Send for catalogue and testimonials from satisfied customers all over the world. Address

**C. H. WYCKOFF & SON, AURORA, Cayuga Co., NEW YORK**



Wyckoff, near the village of Groton. At that time we secured and published the story of his success with White Leghorns, and it was a story that since then has been read by hundreds of thousands of interested men and women—to their advantage and profit.

As a comparatively young man, recently married, Mr. Wyckoff went in debt for sixty-five acres of land and started in to raise ordinary farm crops, also fruit and poultry. His fowls consisted of less than one hundred scrubs. He bought some hatching eggs from a breeder of S. C. White Leghorns and, being methodical in mind and habits, he kept track of the income from every crop produced. Soon he found that his Leghorns were earning more money for the investment and labor than any other crop on the place.

This led Mr. Wyckoff to increase the number of fowls, also the number of coops and houses. At the time of our visit, fully sixteen years ago, he was keeping about 600 layers and producing four to five thousand S. C. White Leghorns each year. During the preceding year, 600 S. C. White Leghorn pullets kept in flocks of 50 to 70, in houses, 10 x 20 ft. in size, connected with yards, 20 x 85 ft., produced an average of 194 eggs per hen. Up to that time this record had never been equalled, so far as the public knew, and it is doubtful if it has been excelled even to this day.

As the result of keeping S. C. White Leghorns and taking proper care of them, Mr. Wyckoff paid for the 65-acre farm, added good buildings and piled up a comfortable bank account. Later, on account of his health, he sold the farm near Groton and expected to retire, but later he grew tired of comparative idleness, and, urged by his son, he decided to go back into the breeding of S. C. White Leghorns.

Today the two Wyckoffs, C. H., the father, and E. L., the son, are proprietors of Wyckoff's Grandview Poultry Farms, located near Aurora. Describing their strain, they say on their letterhead: "Acknowledged everywhere the world's greatest laying strain." These fowls go back to the Groton farm, as regards blood lines and they are in master hands. Writing to us under date January 6th, Mr. Wyckoff, Senior, said:

"Taking into consideration our over 35 years as breeders of Leghorns, the good name we have made for ourselves and stock, and the fact that in all our years of experience in advertising we have never yet been called upon by any publication in which we have bought

space, to make an adjustment to a single dissatisfied customer, we feel that we are entitled to a reading notice at your hands with which to start off our advertisement.

"We do not believe that there is to be found in the country a finer and more completely equipped poultry farm or more beautiful home than has been built up entirely from the poultry business alone, than ours. It is one of the 'show' places of this beautiful lake country of central New York. Also it is ample proof that the poultry business conducted on right lines is profitable.

"We are prepared for a big business in eggs for hatching this coming season, as we have the finest lot of breeding matings that we have ever owned."

That statement, as made by Mr. Wyckoff, "that in all our years experience (35 years) in advertising we have never yet been called upon by any publication in which we have bought space, to make an adjustment to a single dissatisfied customer, we feel that", etc., has the right foundation and the right ring to it. Here is positive proof that the right kind of man can handle the standard-bred poultry business in a manner that will be mutually satisfactory to both buyer and seller. The "World" hereby endorses Messrs. Wyckoff & Son, as proprietor of Wyckoff's Grandview Poultry Farm, without reservation in their poultry dealings with our subscribers. If you are interested, reader, in S. C. White Leghorns that possess great laying power, and at the same time are bred in line with the requirements of the American Standard of Perfection, secure and printed matter of Messrs. Wyckoff & Son and read it with due care.

#### LOYALTY TO A. P. W. ON THE PART OF OUR SUBSCRIBERS

The more advertising this journal is favored with, the greater income we shall have and the better poultry paper we can afford to publish, month for month, in the best interests of our subscribers.

Advertisers spend their money for "space" in papers that pay—that bring them profitable returns on their investment. Without a fair share of advertising this poultry journal could not exist.

It could not pay the monthly paper and printing bills; it could not pay for valuable articles; could not secure interesting pictures; could not pay salaries, nor for postage and a dozen other essentials.

We must have advertising patronage, therefore, and the advertiser in turn must make sales through his business



## FISHEL'S WHITE WYANDOTTES

have won the coveted honors throughout this Continent, from Coast to Coast and from the Lakes to the Gulf which measures them as the superior show specimens. However they have also been bred for heavy meat and egg production for many years, and for the past five years have been bred for quick growth which insures the finest squab roasters at eight to nine weeks old. This strain is known to be

### The World's Best

throughout the civilized world. No matter what you want, high class show birds, breeders, heavy egg producers and squab roasters, Fishel World's Best will fill your wants and whether it be

### Blue Ribbons, Meat, Eggs or Quick Growth

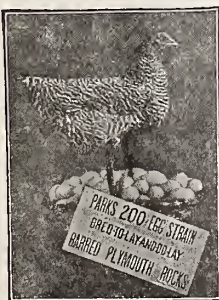
you will eventually purchase Fishel's World's Best White Wyandottes. Send for our mating list describing the thirty five yards we have mated for this season's egg and baby chick trade. It is free for the asking and your copy awaits you.

## J. C. FISHEL & SON

Box W,  
HOPE, INDIANA

## 1889 Parks' Strain Bred-To-Lay-And-Do-Lay Barred Plymouth Rocks 1917

PROVED THE VALUE OF THEIR MORE THAN 27 YEARS EGG BREEDING



EGG AND CHICK  
CIRCULAR FREE.

By Winning First Honors and Out-Laying the 2,600 Birds in the Past Five Missouri Laying Contests, made up of over 45 Varieties, from 37 States and Eight Foreign Countries (INCLUDING THE FAMOUS ENGLISH LAYING STRAINS) WOULD YOU WONDER. The Veteran Poultryman, A. F. Hunter, says: "It surely pays to breed for a purpose", while Grant M. Curtis, Editor, A. P. W., writes: "I doubt if there is another breeder in the United States, Canada, or the whole world that produces greater layers." Frank Delancey, Editor, Poultry Press, says: "I believe Parks has the most complete record of his birds and breeding of any breeder in America." Judge Schwab says: "Parks, you've got the greatest collection of favorable reports from customers I have ever seen in all my travels." "F. L. Platt of the A. P. A. Ass'n., writes: "J. W. Parks has done more noteworthy strain building for eggs over a longer series of years than any practical poultryman in America. Prof. Morrison writes: "It's a pleasure to recommend your strain of known layers."

IT WILL PAY YOU TO INVESTIGATE the Strain that has Continuous Laying records up to 148 eggs in 148 days; small flock averages up to 242 eggs; large flock average of 208 eggs for 126 hens and the strain that made the remarkable contest winter month record of 134 eggs for January (Five Birds).

ONLY A FEW CHOICE BREEDERS TO SPARE.

LARGE 40-PAGE CATALOG, A DIME.

J. W. PARKS,

Box W,

ALTOONA, PA.



announcements IN THESE COLUMNS.

It is on that account, and in YOUR OWN INTEREST as well as ours, that we ask YOU, Reader, to show your approval of and loyalty to A. P. W. by mentioning to our advertisers, every time you write to them for their catalogues, circulars, mating lists, etc., THAT YOU SAW THEIR ADVERTISEMENT IN THESE COLUMNS.

For you to do this will put you to but very little extra trouble—to no extra expense, while it will be a big help to us and at the same time will cause our appreciative advertisers to KNOW that you are a member of the A. P. W. family and that we have guaranteed that they will treat you honestly and liberally as an A. P. W. subscriber.

That is what we mean by "loyalty" to this magazine, in your capacity as a subscriber and we shall repay your kindness by continuing to spend money freely in our efforts to make the American Poultry World one of the best poultry journals published in the United States or any other country.

#### DEATH OF CAPTAIN CHAS. M. GRIFFING, SHELTER ISLAND, N. Y., LONG-TIME TREASURER OF THE MADISON SQUARE GARDEN ASSOCIATION

Under date January 19th, Chas. D. Cleveland, secretary of the New York Poultry & Pigeon Association, an organization that for twenty-nine years in succession has held successful poultry and pigeon exhibitions in Madison Square Garden, New York City, sent to the poultry press of the United States and Canada, the following announcement:

"The New York Poultry and Pigeon Association announces with deep sorrow and regret the death of its treasurer, Capt. Chas. M. Griffing of Shelter Island, N. Y., who expired January 16, 1917, at Greenwich, Conn.

"Capt. Griffing faithfully served the association for upwards of twenty-five years. He was a well-known figure to every exhibitor at Madison Square Garden and was universally beloved for his courtesy, kindness and interest in the fancy. His labors continued with unabated enthusiasm throughout our recent twenty-ninth Annual Exhibition, despite several severe attacks of heart failure. We believe the success of this exhibition, in which he was completely wrapped up, tended to sooth and ameliorate his last hours. "A special meeting of the Board of Directors of the association will be called at an early date to take appropriate action in the premises and an announcement will be made at that time of his successor."

Captain Griffing will be missed and mourned by a large circle of friends and admirers. Unassuming in character, yet firm and resourceful, he was the right-hand man of H. V. Crawford, for twenty years or such a matter, in their joint management of the Madison Square Garden Poultry and Pigeon show. We never heard of his quarreling with anyone, yet he did his duty faithfully and loyally in all particulars. The Madison Square Garden poultry show will never seem quite the same, now that Captain Griffing is to be absent from the secretary's office and will not again be seen down along the aisles.

#### CHAS. I. FISHEL MAKING RAPID STRIDES IN THE STANDARD-BRED WHITE WYANDOTTE FIELD

Charles I. Fishel, Hope, Ind., is a son of J. C. Fishel, for many years a leading successful breeder of White Wyandottes of commercial and exhibition value. We have known J. C. Fishel twelve to fifteen years and during this long period we have never heard of a complaint from any customer of the firm of J. C. Fishel & Son, in their capacity of extensive breeders of White Wyandottes. At present J. C. Fishel is postmaster at his home

town, a position he has held several years. Charles I. Fishel is now the active poultryman of the firm, though the father takes a close personal interest in the selection and mating of birds, also in protecting and improving the blood lines of this long-established strain. Lately we wrote Charles Fishel and asked him for some down-to-the-minute data about their poultry plant and birds. Under date January 6th, he replied in part as follows:

"We first started to exhibit White Wyandottes in 1900, now more than sixteen years ago. We won high honors at Chicago then and we have been improving this strain of White Wyandottes ever since. Today we believe them to be the best strain of White Wyandottes on the American continent. This has been proved to our satisfaction at many shows throughout the country. Would furnish you a list for publication if you care to have it. This list includes the last three World's Fairs in the United States and you will recall the notable winnings of our strain at the Panama-Pacific Exposition, San Francisco, Cal., 1915.

"We have practiced line-breeding from the time we started to develop our strain and this fact has been responsible, in a great measure, for our success in producing high-class specimens. We regard it as impossible to produce prize winners without intelligent line-breeding. We do not know of any individual or firm in the possible field that has ever succeeded without this method.

"We breed for exhibition values as per the latest authorized edition of the American Standard of Perfection, also for utility or commercial values. For the last five years we have been breeding our utility strain for quick growth. This insures the finest squab roasters at eight to nine weeks of age and I have testimonial letters from our customers showing pullets weighing two pounds and cockerels, two and a half pounds. Remember, this is what our customers report, and I know from experience on our own plant that they are not exaggerating.

"We shall have from twenty-eight to thirty-five mated pens this season for the egg trade. Our present flocks are large and the quality is so good that we shall be able to select high-class birds for each and every pen. Our new catalogue, mating list and baby chick circular for 1917 will be ready for mailing shortly after the 15th of this month, and we shall be glad to send a copy free, postage paid, to every one of our subscribers who is interested in the White Wyandotte variety and will ask for it. A postal card will do, though in each case we should like to receive a letter asking questions or for helpful suggestions.

## Homestead Silver Campines

### The Vigorous Strain

Noted for their heavy laying qualities. Our birds are bred ONLY from well-established, selected blood lines; no bird leaves the Homestead Campine Farms that is not a creature of quality.

The beautiful Vigorous Strain Silver Campines are bred for productivity as well as for the Show Room.

**MADISON SQUARE GARDEN**, December and January, 1916-17, 1st pen; 1st and 4th pullet; 2nd and 5th cock; 2nd hen; 3rd, 4th and 5th cockerel.

**BOSTON POULTRY SHOW**, January, 1917, 1st, 2nd and 4th cock; 1st, 2nd and 3rd hen; 1st, 2nd, 3rd and 5th cockerel; 1st, 2nd, 3rd and 4th pullet; 1st and 2nd pen; 1st Display; Special for Color and Type.

**PALACE SHOW**, New York City, 1916, we won 1, 3, 5 cocks; 1, 2, 3, 4 cockerels; 1, 3, 4 hens; 1, 2, 4, pullets; 1, 2 pens; 1st Display; all specials offered by American Campine Club, including Silver Challenge Cup.

**NEW YORK STATE FAIR**, Syracuse, N. Y., 1916, the first large show of the season, we won 1st and 2nd cock; 1st and 2nd cockerel, 2nd and 5th hen; 2nd, 3rd and 4th pullet; 1st and 2nd pen; 1st Display, in very strong competition, in a class of 119 birds.

**BROCKTON, MASS.**, 1916, we won 1st and 3rd cock; 1st and 2nd hen; 1st and 2nd cockerel; 1st and 2nd pullet; 1st pen, entering two in a class, and one pen, color and shape special on male, color and shape special on female, Gold special for best six birds in class.

We shall be pleased to send our beautiful new 1917 catalogue to all who are interested. Price 15 cents.

**HOMESTEAD—The Word That DOMINATES In The World Of Campines**

**Homestead Campine Farm, Box W, Wayland, Mass.**





"You know something about the blood lines back of our strain, also that fowls of our breeding, as carefully selected and mated by us, will reproduce their good qualities in the off-spring. It is on that basis that we offer the hatching eggs and baby chicks at reasonable prices, 'quality' considered. Fact is, we are now in a position to give really big bargains, and any of your readers who entrust orders to us will get our best attention. Am looking for one of the greatest egg seasons we have ever had in our long experience."

A. P. W. believes that C. I. Fishel, as the active partner of the firm of J. C. Fishel & Son, will take all due pains to serve faithfully and well the interests of subscribers to this journal who entrust his firm with orders. We do not recall ever having heard of a complaint lodged against this firm by a customer. That is a strong recommendation, because we have known of their poultry transactions reaching back over a period of fifteen to eighteen years.

#### THE 1916-1917 CATALOGUE OF AMERICAN CAMPINE CLUB

Reader, have you sent for your copy of the well-printed, beautifully illustrated catalogue of the American Campine Club? If you are interested in the Silver or Golden Campines, you should have a copy of this booklet and can obtain it by writing to Mrs. Charles H. Owings, Dumont, N. J. It will be mailed free on request to interested readers of A. P. W. who ask for it.

This 1916-1917 Campine catalogue consists of 60 pages and cover, 6 x 9 inches in size and contains numerous interesting and instructive articles by well informed breeders of the Campines, including the following, as examples:

"Busy Days or the Coming of Spring", by C. A. Phipps, Homestead Campine Farm, Wayland, Mass.

"History of the Campines as I Have Known Them", by M. R. Jacobus, Ridgefield, N. J.

"How to Select and Mate, with a Few Hints on Judging", by J. Fred N. Kennedy, Birch Cliff, Ontario.

"Campine Powl on the Pacific Coast", by N. E. Luce, Glendale, Cal.

"Campines As They Are Now Bred", by Frank L. Platt, Swanton, O.

"Housing Campines", by W. S. Halladay, Waukesha, Wis.

"Golden Campines", by Max C. Plambeck, Denver, Colo.

"Campines In British Columbia", by W. H. Palmer, Otter, B. C.

"Greetings From Australia", by C. G. Smith, Sefton Park, N. S. W., Australia.

In this latest club catalogue also is to be found the Constitution and By-Laws of the American Campine Club. As before stated, the booklet is beautifully illustrated, including page plates and individual prize winning birds by Frank-lane L. Sewell, A. O. Schilling and others. Write today for your copy and post up on this national fowl of Belgium.

#### EUGENE SMITH'S REMARKABLE WINNING AT THE GREATER - CHICAGO SHOW, JANUARY

10-16, 1917.

One of the S. C. White Leghorn breeders of the central-west who has been at it for years and who keeps them "all guessing", is Eugene C. Smith, Aurora, Ill., specialty breeder of this variety and owner of one of the half-dozen most suc-

# OWEN FARMS

## 1916-17 WINNINGS

**At Madison Square Garden, New York, in the best class ever brought together in America, including leading Western breeders as well as the cream of the East.**

### WHITE PLYMOUTH ROCKS

1st and 2nd Cock; 5th Hen; 1st, 2nd, 3rd and 4th Cockerel; 1st, 2nd and 4th Pullet; 1st, 2nd and 3rd Pen.

N. B. 2nd Cockerel was won by a bird owned by Robert Sall, Midland Park, N. J., on a cockerel hatched from Owen Farms' eggs. (Used by permission.)

### S. C. WHITE LEGHORNS

1st Cockerel; 2nd Hen; 2nd Pullet; 3rd and 5th Pen.

**417 OWEN FARMS BIRDS HAVE WON THE BLUE AT THE GARDEN, THE PREMIER SHOW OF ALL AMERICA.**

**At Grand Central Palace Show, New York, in a splendid quality class, with one of the best teams ever exhibited.**

### WHITE ORPINGTONS

1st and 2nd Cock; 1st, 2nd and 4th Hen; 2nd and 5th Cockerel; 1st, 2nd and 3rd Pullet; 1st and 2nd Pen.

**At Boston Show, in a large and very hot class**

### S. C. WHITE LEGHORNS

1st, 3rd and 4th Cock; 1st, 2nd and 3rd Hen; 2nd and 6th Cockerel; 3rd, 4th and 5th Pullet; 1st and 2nd Young Pen; 1st Old Pen.

**At the New York State Fair, Syracuse, the best Quality Fall Fair of all America**

### WHITE ROCKS, WHITE LEGHORNS, BUFF ORPINGTONS AND WHITE ORPINGTONS

12 out of a possible 20 FIRSTS, 3 SECONDS, 9 THIRDS and 9 FOURTH and FIFTH PRIZES. A total of 38 REGULAR AWARDS. The most important of all firsts, FIRST PRIZE PEN, WAS WON IN EACH VARIETY. 28 OWEN FARMS BIRDS WON THE BLUE. 8 birds of all other exhibitors combined won the Blue. N. B. Have sold S. C. REDS and WHITE WYANDOTTES for all leading shows. So have not shown these varieties this season.

## YOU WILL FIND HERE

**BIRDS TO WIN YOUR SHOW**

**BIRDS TO BREED WINNERS FOR YOU**

**BIRDS TO PRODUCE UNEQUALED UTILITY STOCK**

**EGGS TO HATCH WINNERS FOR YOU**

**EGGS TO HATCH BEAUTIFUL THOROUGHbred UTILITY STOCK**

**IN BUFF AND WHITE ORPINGTONS, WHITE ROCKS, WHITE WYANDOTTES, S. C. REDS AND S. C. WHITE LEGHORNS.**

OWEN FARMS BIRDS HAVE BEEN THE FOUNDATION BLOOD FOR THE OTHER GOOD FLOCKS ALL OVER AMERICA. VERY FEW REALLY GOOD FLOCKS EXIST THAT ARE NOT WHOLLY OR PARTLY OWEN FARMS BLOOD LINES.

## EGGS FOR HATCHING

**FROM THE FINEST LINE-BRED MATINGS IN AMERICA.**

\$5.00, \$10.00, \$15.00 and \$20.00 per 15.

### MY MATING LIST TELLS THE WHOLE STORY

My large Illustrated Catalogue gives in interesting form the story of the development of my magnificent flocks and their winnings. My Mating List carefully describes my line-bred pens each year. My new Testimonial Circular will give you convincing proof of the success of Owen Farms Stock and Eggs in customers' hands in nearly every State in the Union and every Province in Canada. Have you seen and read them? If not YOU OWE IT TO YOURSELF to do so before buying Stock or Eggs for Hatching. My terms are fair and generous. My prices for dependable stock are the lowest. The value of my blood lines to my customers has proved unequaled. All this printed matter is yours for the asking.

MANY THOUSAND OWEN FARMS CUSTOMERS have become my friends and boosters through correspondence with me and the ABSOLUTE SATISFACTION they have obtained from Stock or Eggs purchased here. This advertisement is not needed to bring my old customers back to me whenever they are in need. It is an invitation to you, who have never experienced OWEN FARMS SATISFACTION, to write me frankly and fully. See how nearly we can meet on the plane of mutual confidence. If you can visit the wonderful Owen Farms, do so. MY LATCH STRING IS ALWAYS OUT. You will regret neither the time nor expense. IF YOU CANNOT COME, WRITE!

**My Birds Live, Grow, Lay and Pay.**

## OWEN FARMS

**115 William Street,**

**Vineyard Haven, Mass.**

**MAURICE F. DELANO, Proprietor. FRANK H. DAVEY, Superintendent.**



cessful strains on the continent. At the Greater Chicago Show, January 10-16, at which was held the annual meeting of the National Single Comb White Leghorn Club, Mr. Smith, in strong competition, made the following remarkable winning:

Cocks—1, 5, 7 prizes.  
Hens—2, 8 prizes.  
Cockerels—3, 5, 6, 7 prizes.  
Pullets—1, 2, 4, 5 prizes.  
Old Pens—1, 2, 5 prizes.  
Young Pens—1, 3, 4, 5 prizes.

In the face of such a winning at the National Club Show, Mr. Smith is justifi-



E. C. SMITH

fied in making the following statement in his current advertisement:

"And besides, ninety-five per cent. of the birds I have sent out this last show season, in the hands of my customers, have won the blue, and many of them won championships of the entire show (probably more than any other breeder has furnished this season). Many other winners were hatched from eggs I sent out to customers last spring. No broken-down tails, no faking, just quality.

"New catalogue listing my 1917 matings that will produce real quality for you and for me, will be sent free on request."

Writing to the editor of A. P. W. under date January 19th, Mr. Smith said:

"You ask for a list of my latest winnings and I might state that you can get this from

my advertisement, electro of which I sent you the other day. I also sent you a press notice of the Greater Chicago Show in which you will note that I practically cleaned up in the class. I understand that there were six birds there for which a price of \$1,000 was paid. I have this on pretty good authority. One of these, I believe, was placed. It sure was a hot class and you can imagine my satisfaction when I found that a good many of the blue ribbons and many of the other ribbons were hung on the coops occupied by birds."

Mr. Smith is a Single Comb White Leghorn enthusiast. A successful business man, he makes the breeding and improvement of S. C. White Leghorns his recreation. Starting on a moderate scale, he has increased his number of breeders, yet he does not go in for numbers, but for quality. Mr. Smith publishes one of the neatest and best illustrated catalogues issued to date and a free copy will be sent, postage paid, to any reader of A. P. W. who will ask for it.

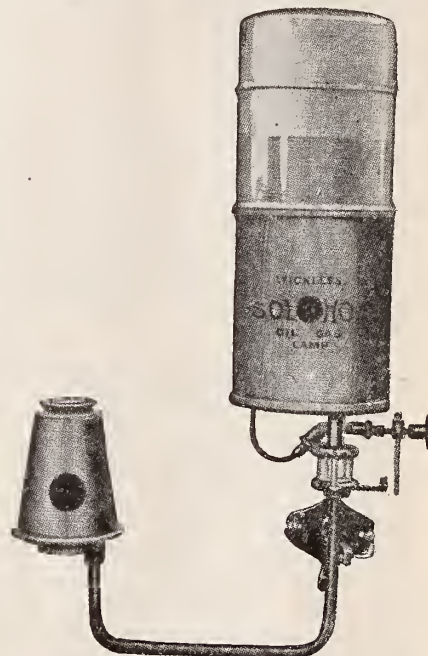
#### H. M. SHEER, QUINCY, ILL., INVENTOR AND MANUFACTURER OF POULTRY EQUIPMENT

In these days when biographical and autobiographical sketches are published quite commonly in the poultry press, relating to specialty breeders, candidates for office, etc., the inventors of helpful and profitable poultry equipment should not be overlooked. In last month's issue, following up this idea, A. P. W. published an appreciation of I. Putnam, Elmira, N. Y., inventor and manufacturer of the Little Putnam Stove and the Putnam Brooder Heater. In this issue we wish to direct the attention of our readers to another inventor of successful poultry equipment, in the person of H. M. Sheer of the H. M. Sheer Co., proprietors of "the house of quality", located at Quincy, Ill.

For twenty years or such a matter, Mr. Sheer has been prominent among the investigators of poultry problems on practical lines and the invention of useful

equipment. Inventor and builder of the original Peerless line of incubators, his other notable achievements include the following:

Sol-Hot Wickless Blue Flame Oil Gas Lamp, for use on incubators and brooders.



SOL-HOT WICKLESS BLUE FLAME OIL GAS LAMP.

Latest invention of H. M. Sheer, of the H. M. Sheer Co., Quincy, Ill., manufacturers of the Peerless line of home-built incubators, also of popular and successful equipment for incubators, brooding devices, etc.

The Acme Compound Wafer Thermostat, for use on portable and mammoth incubators and brooding apparatus.

The Acme Automatic Gas Valve, for use where gas forms the fuel for incubating and brooding.

The Acme Complete Regulator for incubating and brooding devices.

(Continued on page 208)

## REGALS WIN AT DETROIT, '17

At the Great Annual Meet of the National White Wyandotte Club



In the hands of my customer, Mr. H. L. Johnson, of Simcoe, Ontario, and others, the Regals have again proved that they are more than able to hold their own against all comers. This is the great Annual White Wyandotte round-up of the year. Birds were there from Oregon on the West, to New York on the East, besides a strong representation from Canada. "Regal" winnings reported to date are:

COCKS—2, 3, 4, 5, 6 and 7.

PULLETS—3, 5 and 6.

PENS, YOUNG, 1 and 4.

COCKERELS—1, 2, 3 and 8.

HENS—2, 3 and 6.

PENS, OLD, 2 and 3.

It will be noted that in Firsts, Seconds and Thirds the Regals won more than all other Strains combined or a total of 11 places out of 18. This is just a sample of the present season's successes. In one week splendid winnings were reported from 12 important Shows. What does this mean from the Customer's standpoint? It means that I am sending out liberally of the very best blood I own. How many White Wyandotte Breeders are sending out eggs that will hatch New York and Boston winners? Yet I have records that would be most convincing if I were permitted to use them. One case I can mention is that of the First Prize Cock at Madison Square Garden last Winter. This magnificent bird was hatched from a setting of eggs I sold. Take the last Buffalo Show, one Customer showed 3 cocks, winning 1, 2, 3. Another Customer showed 3 Cockerels, winning 1, 2, 5. Another Customer showed a pen and won first.

The Regal strain has reproduced its quality and established more successful breeders than any other strain in existence.

If you are not getting good results in fertility or egg production, if your birds are weak in constitution and not as vigorous as you would like, why not make a new start with the Regal White Wyandottes? They have been tried and not found wanting. Do not delay but reserve your birds now while I have plenty to select from.

#### 3,000 — COCKS, HENS, COCKERELS AND PULLETS FOR SALE

Special Value Male and four Females, \$25.00, \$35.00 and \$50.00.

Fine Exhibition or Dorcas Cockerels, \$10, \$15, \$20 and \$25. Pullets, \$4, \$5, \$8 and \$10.

Stay-white Utility Cockerels, \$3 and \$5 each. Eggs for Hatching, \$5 per 15 and \$10 per 15.

Send one dime for the Regal White Wyandotte Book, telling all about White Wyandottes.

FREE  
1917 Catalogue and  
Mating List.

JOHN S. MARTIN, BOX W, PORT DOVER, CANADA



## POLICIES AND POLITICS IN THE AMERICAN POULTRY ASSOCIATION

By John H. Robinson, Special Contributor

(Continued from page 173)

please the majority of the moment. Men of his type and parts are very efficient in some places; but frankly, my candid opinion is that if the Association elects Mr. Peters it will put the presidency on a lower level than ever before in the history of the organization. The low water mark at present is 1900.

Consider now why it is that the presidency of the American Poultry Association has come to be so little desired by men of the type who would naturally seek that office or be sought for it. The prime reason is that as the organization is constituted, the presidency being an honorary office and the secretaryship a salaried office, efficient administration of the presidency will usually depend very largely upon the extent to which the president can rely upon the secretary to perform, in addition to the larger duties of the secretaryship, many functions of the higher executive office. Failing this, the president has to devote a great deal of time and attention to matters which he justly feels ought to be looked after by the salaried secretary.

In regard to what may be called the personal policies of a president—the things that it is open to him to do upon his own initiative, under the constitution and by way of development contemplated in it—in such matters what can be accomplished depends much upon how far the efficient co-operation of the secretary can be secured. In reality, while the president is the official head of the Association, and while there are various committees having special duties, progressive development depends regularly upon the secretary. The president or a committee may do special things by special efforts, but none of them are in a position for sustained effort in behalf of the association as the secretary is. Men who know the affairs of the Association and have ideas for its welfare realize that without the efficient co-operation of the secretary the administration of a president can be distinguished only if he personally gives the affairs of the organization much more attention than it should be necessary for an honorary officer to give in the premises.

### A Bit of History

Let us review briefly some Association history on this point. The modern history of the American Poultry Association begins with the election of Mr. T. E. Orr as secretary-treasurer fifteen years ago, upon the enforced retirement of his predecessor who had embezzled the funds of the organization, and left it with an empty treasury, a debt, and expectations of relief from the company that had bonded him, which expectations failed because the bond had been made null by the failure of other officers to properly do their duties.

Like all of us, "Tom" Orr had his faults and his limitations. But he was a man of the right type for secretary of an organization of this kind, and when all is said and done he must be

credited with a large part of what was accomplished during his secretaryship. He was slack in many matters, and his disposition to interpret the constitution and apply precedents according to his whims was responsible for the troubles attending the recognition of Rhode Island Reds by the Association. He overshadowed and dominated more or less the presidents who served during his incumbency until Grant M. Curtis was elected in 1906. Then there was some clashing between president and secretary, with the president stronger,

but both very efficient in putting through the re-organization of 1907.

Mr. Orr died soon after the meeting at which this was accomplished, and until the first convention held under the new constitution, Mr. Curtis was acting secretary-treasurer as well as president. So it happened that the whole responsibility of arranging for the first convention devolved upon Mr. Curtis. I was not at that convention, but many who were declared that it was one of the best planned and carried out conventions in every way that they had

# THE LORD FARMS

## Day-Old Chicks

### HOW MANY?

Don't delay your orders for Feb., Mar., or April chicks. Our capacity is larger than ever this year, but orders are double any previous season's bookings at this date.

## S. C. W. Leghorns

### Pure American Bred

We now have a hatching capacity of over 75,000 eggs, and they are all of one strain and breeding. Thousands of Poultrymen are using our stock exclusively. Our strain is of good size and lay large eggs and lots of them. Remember, we trap-nest every pullet on our farm, and do it every day in the year. We shall have a wonderful strain of Leghorns some day.

We can take your order for 25 chicks of 10,000 at one shipment. Every detail from generations of good breeding to prompt, careful shipping is taken care of here. The proof of the quality of our stock is the way our old customers stay by us year after year.

**Our Prices Are Very Reasonable,**

**\$15.00 per hundred**

**\$140.00 per thousand.**

Send 25% deposit with your order, and the balance one week before shipment.

## Big Poultry Catalog Free

This is a book that you will keep because it is chuck full of all kinds of poultry information, and is designed to try and make our customers successful in this special line of business, and not simply an advertising catalog. It gives you complete information of how to raise and mature your baby chicks in the best possible manner. It also gives our complete system of feeding and handling our layers and breeders, together with scores of other poultry facts. It costs us 14c to print and 4c to mail. Send us two 2c stamps to pay for mailing the same, or just send us a postal card and we will send you one absolutely free.

## 20,000 Hatching Eggs

### FOR SALE EVERY WEEK

At \$8.00 per hundred, or \$70.00 per thousand from our regular stock.

Guaranteed shipments to any part of the U. S. or Canada. Western and Southern breeders should take advantage of our offer of eggs for hatching. Our simple, sensible way of packing hatching eggs gives universal satisfaction. 90% fertility guaranteed after March 15th; 75% to 85% for earlier shipments.

## Eggs from our Special Trap-Nested Stock

The cream of our past two and three seasons' trap-nesting. Hens with records of 175 to 265 eggs, mated to cocks and cockerels bred from hens with records of 220 to 248 eggs, and with grand dams' records up to 288 eggs.

2 pens at \$10.00 for 15 eggs, 10 chicks guaranteed.

1 pen at \$7.50 for 15 eggs, 10 chicks guaranteed.

3 pens at \$5.00 for 15 eggs, or \$25.00 per hundred, a two-thirds hatch guaranteed.

2 pens at \$3.00 for 15 eggs, or \$15.00 per hundred, 90% fertility guaranteed.

**Baby Chicks** from the above special matings 30c to \$1.25 each. Be sure and get at least one setting of eggs from these special matings this year. The cockerels are worth ten times their cost for future improvement of your stock.

## THE LORD FARMS or THE EVERLAY FARM

Box 240-G, Methuen Mass.



ever attended. That was the view expressed to me by the late Charles M. Bryant, who succeeded Mr. Curtis, being inaugurated at that meeting. Mr. Bryant was very desirous of keeping conventions up to that standard and going beyond it. Mr. Bryant was a man whose abilities required for their full exercise the co-operation of someone who could work out the details of his plans. When he tried to do so himself, in A. P. A. affairs at any rate, things usually went a little askew. He knew his own limitations and thoroughly appreciated the abilities in others which enabled him to put his ideas into effect, and to perform his duties to his satisfaction.

The first year he had as secretary Ross C. H. Hallock, a man of marked qualifications for the position, but whose shortcomings in certain duties of treasurer led to his retirement just as he was beginning his second term. The late Fred L. Kimmey, a former president of the Association, filled out Hallock's term. Conditions in the secretaryship during his first two terms prevented Mr. Bryant from putting into effect some very good ideas applicable to the organization. That was his principal reason for wishing to continue in his office, as he did through two more terms.

As the election of 1909 approached, the office of secretary with a salary of \$1,500 a year was literally going begging as far as candidates of known qualifications are concerned, and it appeared that a man unknown in the Association and who has not figured in its affairs at all since, would be elected secretary, because he was in a position to qualify under the provision that the secretary must give all his time to the duties of his office, and he was willing to spend a little money to be elected.

This was the situation when members who were not willing to see this happen practically drafted Mr. Campbell as a candidate and he was elected. Mr. Campbell was called, not as a man of special qualifications for the office, but as a man known to the members in whose hands the interests of the Association would be safe. He made it a condition of accepting the draft that those who requested him to run should endeavor to put through an amendment to the constitution separating the office of treasurer from that of secretary. This was done at the convention following his election.

President Bryant soon found that, while under Mr. Campbell's administration the books would be kept straight, the routine of correspondence and attention to orders move without delays, and the pursuit of members proceed with diligence and persistence, he could expect little of such aid as he sought from a secretary in preparing for and handling a convention or in anything outside of the most ordinary clerical "office" detail.

Mr. Reese V. Hicks, who succeeded Mr. Bryant, was able to give a great deal of time to Association affairs through the courtesy of his employers, the Capper Publishing Co. of Topeka, Kans., who were willing to do this for the publicity reflected upon them as a result of his honors and activity in be-

half of the Association. There was some feeling and friction because of this situation, but during his administration Mr. Hicks contributed very substantially to the promotion work that was rapidly bringing in new members.

At Atlantic City in 1913 a committee was appointed to codify the constitution and laws and to revise them in certain particulars affecting the development of the organization and its work. Within about six months after the results of their work were accepted by the Association, at Chicago in 1914, the secretary, who had been a member of that committee, was asking for amendment to the constitution in certain par-

ticulars, his request being in effect that the Association adjust its organic laws to suit his qualifications for his office. At that time an active and influential member remarked to a group who were discussing the situation, "I did not realize when we adopted that constitution that we were legislating the secretary out of office."

It was suggested that to overcome the difficulty without doing violence to the constitution or displacing the secretary, a president presumed to be qualified especially to get the organization started fairly on its way under the new constitution and laws be chosen. I was among those honorably mentioned in

## Hayward's White Rocks

### ARE CONSISTENT WINNERS

As shown by the following records at Boston

**1917**—1st cockerel, 1st hen, 1st young pen, 2nd old pen. 4th cock, 4th pullet, Champion Male and Best Display.

**1916**—1st, 2nd, 3rd, 4th pullet, 1st, 4th, 6th cockerel, 2nd and 4th pen, 5th and 6th hen, Champion Male and Best Display.

**1915**—1st pullet, 2nd pen, 5th cockerel.

These notable winnings, including Champion Male and Best Display two years in succession, have probably never been excelled if equaled at this great fanciers' show of the East.

SEND FOR CIRCULAR AND MATING LIST.

**W. F. HAYWARD, Box A, Westboro, Mass.**



**IT'S TIME**

THEY KNOW, for that DELICIOUS FEED of

**Conkey's**

**BUTTERMILK STARTING FOOD**

The Only Baby Chick Food with Buttermilk in it

Just right for the first three weeks. The lactic acid in the buttermilk and the balanced combination of clean wholesome grains builds strong sturdy chicks that grow into big birds, good breeders, heavy layers—real money makers. Feed it during those critical first three weeks and forget your chick troubles. Raise all you hatch. Only costs 1c per chick. Bags \$1.00 to \$5.75; pkgs 10c to 50c. BUY A BAG.

Conkey's Roup Remedy keeps deadly contagious roup out of your flock. A good preventive measure as well as an effective remedy. 25c, 50c.

Your money back QUICK if any Conkey preparation does not satisfy you. Send 4c for 80 page Poultry Book.

**THE G. E. CONKEY CO.**  
1004 Conkey Bldg., Cleveland, O.



this connection, but like the others, I declined because I was not then in a position to do what would be expected.

With me it is an open question whether it is better to keep the presidency an honorary office or give the president a salary or a substantial honorarium, which would justify some sacrifice of other interests to devote attention to the affairs of the Association. When Mr. Hicks was president and hustling for the organization it appeared to me that it would pay the Association to pay its president to do such work as he was doing. When the constitution was amended I was in favor at first of a salary for president and reducing the salary of the secretary to \$1,200 or \$1,500 a year. It was plain, however, that the committee as a whole considered it better to have the presidency an honorary office. To provide for doing, through the secretary's office, the organization and promotion work in which Mr. Hicks while president had co-operated with the secretary, provision was made for an assistant secretary during the part of the year that work must be done. No appointment under this provision has been made. The developments contemplated by the constitution have made only a lame and halting start. To men who know how this matter stands and how in other respects the work of the association waits for a secretary of different attainments, the presidency at this particular time has no very great attractions.

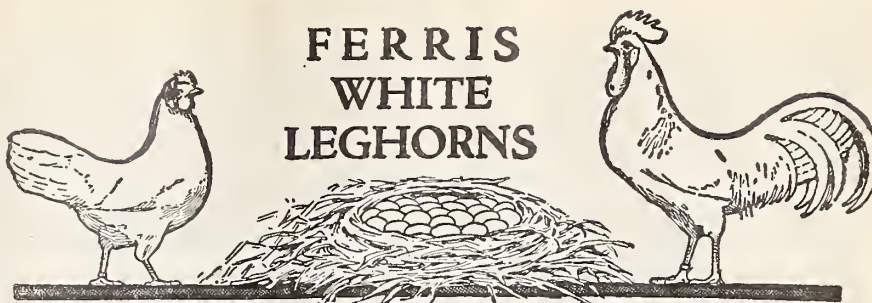
#### The Publication of Breed Books

Take now the situation with reference to the Association's publishing plans. Two breed books are in course of preparation. These books are designed to have features which — even though the books should fall far short of the ideals of those who planned them — will tend to increase interest in the breeds of which they treat. The general idea has been and still seems to be, that the Association is experimenting with breed books, and that further issues of this series will depend upon how these first ones pay. It is assumed that the Association may at its leisure get out as many books as it can while they will sell well, and let the rest go on until after the next general revision of the Standard.

I took that popular view until I saw the illustrations planned for the first two books. Then I saw at once that it would not do at all for the American Poultry Association to publish elaborate books in the interest of a few breeds and let others wait five, ten or more years. To do so would cause no end of dissatisfaction among those interested in the neglected breeds, and no one can foresee what would result from such widespread feeling against the organization. My suggestions for breed books based on the next revision of the Standard would not fit this situation.

It was really a question then of letting go my own ideas of an improved Standard and a series of breed books that would sell with it without displacing it, and considering the secretaryship in connection with other service, leaving the breed book matter to be adjusted according to developments.

Developments came early and unexpectedly when Mr. Curtis, then chair-



## FERRIS WHITE LEGHORNS

### FERRIS WHITE LEGHORNS FOR EGGS

Compare them with ordinary hens and you will understand why so many thousands of poultry keepers breed Ferris White Leghorns. Trapnested for 17 years, they have records as high as 264 eggs per year and their laying qualities are so well established that they will produce good results for you wherever you are located. All stock is bred for size, health and profit and raised on free range with every care to produce perfect development. Thirty-five acres are devoted exclusively to White Leghorns and we raise thousands.

#### PRICES OF BREEDING STOCK.

	From 230 to 264 Egg Stock.	From 200 to 230 Egg Stock.	From Good Stock Without Records.
1 cockerel .....	\$ 10.00	\$ 6.00	\$ 4.00
1 male, 2 females .....	20.00	12.00	8.00
1 male, 4 females .....	30.00	18.00	12.00
1 male, 8 females .....	45.00	30.00	20.00
1 male, 12 females .....	60.00	40.00	27.00
100 hens or pullets .....	365.00	250.00	175.00

All stock is shipped on approval. Return within 3 days if not satisfactory and money will be refunded. We will also ship C. O. D. if you will send a small payment to guarantee express charges. We guarantee safe arrival anywhere and replace free any birds that die or get out of condition within 30 days. Hundreds of choice cockerels, pullets and hens in all three grades. See catalog for complete descriptions.

#### PRICES OF 8-WEEK-OLD PULLETS AND COCKERELS.

	From 230 to 264 Egg Strain.	From 200 to 230 Egg Strain.	From Good Stock Without Records.
1 cockerel, 2 pullets .....	\$ 9.00	\$ 6.50	\$ 3.75
1 cockerel, 4 pullets .....	15.00	10.00	6.25
1 cockerel, 10 pullets .....	30.00	20.00	13.00
50 pullets .....	110.00	80.00	52.50
100 pullets .....	200.00	150.00	100.00

We are now booking orders for 8-week-old chicks and if you want the March and April hatched it will be advisable to order soon. You need only send 10% with the order, balance any time before shipment. At this age the pullets weigh  $\frac{3}{4}$  lb. and the cockerels about 1 lb. and we guarantee safe arrival anywhere in the United States or Canada. Our first hatch will be ready for shipment in May. Catalog gives full particulars.

#### EGGS FOR HATCHING—PRICES FOR FEBRUARY, MARCH AND APRIL.

	From 230 to 264 Egg Strain.	From 200 to 230 Egg Strain.	From Good Stock Without Records.
15 eggs .....	\$ 5.00	\$ 2.75	\$ 1.50
30 eggs .....	9.00	5.00	2.50
50 eggs .....	13.00	8.00	4.00
100 eggs .....	25.00	15.00	7.50
500 eggs .....	110.00	65.00	35.00
1000 eggs .....	200.00	125.00	70.00

We replace all infertile eggs free of charge if more than 20% prove infertile, or if you get less than a 60% hatch we will replace one-half the eggs that do not hatch. They are now testing over 90% fertile and hatching extra good. We guarantee safe arrival anywhere in the United States or Canada. Orders will be booked on payment of 10%. Balance can be sent any time before shipment or we will ship C. O. D. if desired.

#### DAY-OLD CHICKS—MARCH AND APRIL PRICES.

	From 230 to 264 Egg Strain.	From 200 to 230 Egg Strain.	From Good Stock Without Records.
10 chicks .....	\$ 6.00	\$ 4.00	\$ 2.00
25 chicks .....	13.50	8.00	4.25
50 chicks .....	26.00	15.50	8.00
100 chicks .....	50.00	30.00	15.00
500 chicks .....	220.00	135.00	70.00
1000 chicks .....	400.00	250.00	135.00

We guarantee safe arrival anywhere east of the Rocky Mountains. All the chicks we send out are big, strong, vigorous fellows, properly hatched and properly shipped. They are hatched from eggs that are carefully selected for large size, smooth shells, regular shape and good color. See catalog for full description.

#### EXHIBITION STOCK, EGGS AND CHICKS.

If you are interested in exhibition birds, send for catalog. We have many choice matings and can furnish winners for any show.

#### THIS 1917 CATALOG IS FREE.

Send for your copy today. It describes fully the stock, eggs and chicks quoted above. Contains photos showing 35 acres of White Leghorns; describes our methods of feed and care; how we improve laying qualities; list of winnings at 20 big shows; many letters from customers; prices of exhibition, breeding and laying stock, eggs for hatching, and day-old chicks. Even if you are not now in the market for stock we will be glad to send you a copy. Mail postal now while you have the matter in mind.

### GEORGE B. FERRIS

FERRIS LEGHORN FARM

908 Union Avenue, Grand Rapids, Mich.





man of the Standing Committee on Standards, told me in August that Mr. Jackson's duties with the Cyphers Incubator Co. would not allow him to give the editorial work on the breed books the necessary attention to bring them on at the rate desired, and asked me if I would take a part of the work at once with a view to relieving Mr. Jackson entirely later on. This I agreed to do, but—as the Fates would have it—when Mr. Curtis, upon getting full advice of what was done at the Cleveland meeting, withdrew from active participation in American Poultry Association affairs, resigning from the committee before any formal engagement had been concluded, the matter of engaging an editor rested with President Richards who, for reasons well known to those familiar with Association politics was almost violently opposed to my candidacy for the secretaryship, and had just published in his paper a rabid attack upon me as a person altogether beyond the pale of eligibles to office in the Association. In this editorial he had graciously conceded my qualifications for literary work. The letters I received from him appear to show that when the case came to him first he did not realize that to engage me as editor would be to put me in a position to demonstrate practically whether I knew what I was talking about when I outlined the publishing program which I said could be carried out by a secretary-editor; but that he very soon "got wise" to the possibilities of the situation and began to look about for another editor.

I did not happen to see the editorial in question until some weeks after it appeared, and until several letters had passed between us relating to the position and I had put my terms for the work in several different forms, in efforts to arrive at an understanding with Mr. Richards, which, had I seen his editorial before I made them, I would have known were superfluous. Having made various propositions I felt that it was up to me to let them stand until disposed of by his move. Mr. Richards says that he cannot understand my position. I fear he is right. This story, which is not a fable, teaches that in the American Poultry Association it is hard to separate personal politics and association business.

The occasion for telling the above story is that for some six weeks, from the middle of August when the tentative engagement was made with Mr. Curtis, until late in September, when I discovered Mr. Richards' state of mind and the improbability of any working arrangement between us, I gave a good deal of thought to the breed books as planned in the present series. In fact, acting on instructions, I went systematically through the outlines of the breed books and prepared revised outlines for the consideration of the committee. So, as I have given rather particular attention to the making of poultry books for over twenty years and in the latter half of the period have had the advantage of a connection with one of the leading publishers of text books in this country, I feel that I can confidently claim to know whereof I speak when I discuss these breed books.

The outlines as given to me for the first two books provided for a style of

book that would go pretty well in a small series, but would be unsatisfactory in a complete series of breed books. The same is true as to the size and price of the books. If only five or six books were to be published, books of about 400 pages to sell at retail at \$2.00 would be all right, but for a full series based on the 1915 Standard, books of this size and at this price are not practical, because the series cannot be published within the time limit, even if it is extended as much as possible, and because the Association is not in a position to finance as large a publishing project as that.

The Association's first problem in breed books is to find the size and style of book that admits of getting out a series of fifteen or sixteen books based

upon the 1915 Standard. That means that the last books of the series must be out at least three years before that Standard becomes obsolete, and that the books published in the last two years must be for breeds for which no great changes in the Standards will be made, and so these books can be easily adapted to the revised Standards.

The new Standard is scheduled for 1923. If that provision stands, no breed books based on the present Standard can be issued later than 1920. But if the date of revision be put off two years, breed books can be published until 1922, and this would admit of getting out a complete series if the size is reduced to about 300 pages, and the plans for text and illustrations made to meet the conditions.

## PALMER'S WHITE ROCKS

Get your show or utility breeders from us. Eleven years of breeding White Rocks and nine seasons of consistent winnings means something to you.

Blood counts. Hatching Eggs. Baby Chicks.

"THE GLEN" POULTRY FARM, BOX 3, FAIRPORT, N. Y.

## URBAN FARMS, Pine Ridge, Buffalo, N. Y.

Stock and Eggs for sale from our prize winning Black Langshans, White Rocks, Anconas, and Barred Rocks of Ontario Agricultural College laying strain. Eggs only, of Tom Barron's White Wyandottes and Leghorns Pure; also Klondykes, Naked Necks, Silkies, Black Tail White Japanese and Mille-Fleur Bantams. No Baby Chicks.

MATING LIST FOR 1917 NOW READY.

## ORCHARD FARM REDS

A great lot of show and breeding males and females for sale at reasonable prices. Pens now mated for hatching season. Write immediately for mating list and prices.

## ORCHARD FARM, NOROTON HEIGHTS, CONN.

### Chick Time! Begin Early!!

Before chicks are hatched, feed the parent stock

## Dr. Hess Poultry PAN-A-CE-A

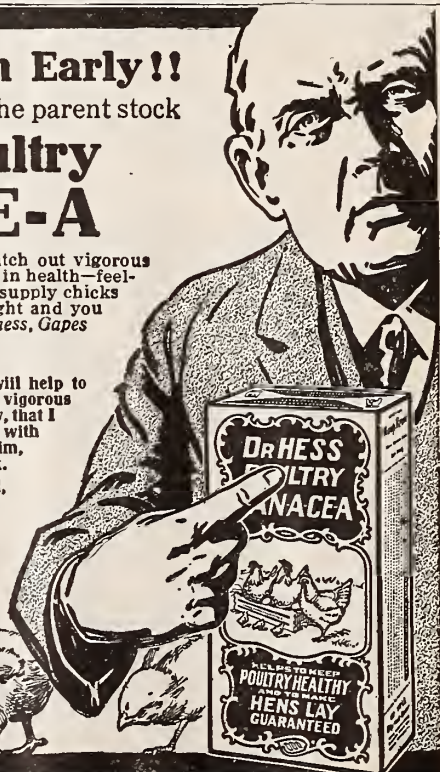
so you will have strongly fertile eggs to hatch out vigorous chicks! Condition all your fowls—keep them in health—feeling good. When hatches come, be quick to supply chicks with Pan-a-ce-a to start them to digesting right and you will avoid Bowel Trouble, Indigestion, Leg Weakness, Gapes—most little chick ailments

### My Guarantee

So sure am I that Dr. Hess Poultry Pan-a-ce-a will help to make your poultry healthy, put them in a hardy, vigorous condition, help your hens lay and your chicks grow, that I have told my dealer in your town to supply you with enough for your flock and if it doesn't do as I claim, return the empty package and get your money back.

1½ lbs. 25c; 5 lbs. 60c; 12 lbs. \$1.25; 25-lb. pail, \$2.50 (except in Canada and the far West). For book on Poultry Culture address

DR. HESS & CLARK, Ashland, Ohio





If a regular publishing house were undertaking this, and had control of the Standard, it would work out plans to meet the conditions in very short order, and would get the books out pretty nearly on schedule time. The great obstacle to progress in the books made by the American Poultry Association is that entirely too many people have a "say" about them at every stage of production. That of itself is bad enough, but worse still a great many people have a voice and vote—and exercise both freely—on points on which their judgment is of no particular value. Even if all were competent to pass upon the points to be decided, expedition requires that in all ordinary cases the decisions be made by one person, and that in cases where decisions of importance are hard to make, that they be made by a small body especially qualified. In making all kinds of decisions on its books, the American Poultry Association is accustomed to follow just the opposite plan, and let large bodies decide important matters upon superficial consideration. Unless it can get out of this habit it can never make a publishing business pay.

#### Financing Its Publications

The financing of a series of breed books, or of any kind of books of the size these must be, is quite a big proposition. The Association positively cannot do it at all if it follows the course it has in the last ten years. If the Market Poultry and Egg Standard is completed as authorized at the last convention, the Association will have spent upon it nearly \$5,000 to get out a small edition of a book of less than 100 pages. It will spend at the rate of \$40 a page for text and illustrations before the book is ready for the printers and engravers. The 1915 Standard represents an average cost for revision of a previous edition of about \$15 a page—not including the cost of discussion at conventions. Most of the expenditure is for traveling and hotel bills and "hot air." On such incomplete information as I have of the work done up to November on the breed books, I infer that the Association has been getting very much better value for money expended on them than in case of the other books, but that they will still cost enough more than they ought to, to take most of the profit out of them.

The Association is better able today to handle a proposition like this than it was to get out the 1905 Standard; that is, it is better able to finance the series, provided it puts good financial men in charge of that part of the work. Where are the men who will look after the financing of a set of breed books as a few men did in that case? At that time, if my memory is not at fault, several persons, officers and members, endorsed the Association's notes. However that may be, it is certain that suitable measures were taken to finance the publication of the book.

Now the Association has started on a very much larger undertaking with no definite plan for the work or comprehensive policy for financing it. Had Mr. Curtis remained at the head of the work, we may be sure that this matter would soon have had his most earnest consideration, and that he would have

worked out and recommended a practical plan. But the Association has deprived itself of his services, and the man to whom we would naturally look now to take up that part of the work Mr. Curtis has laid down, is understood to be less than lukewarm toward the idea of publishing breed books. I refer to Mr. James W. Bell.

The Association has at the present time only three or four men of proved business capacity to manage the financial end of a series of breed books on the

scale necessary if all breeds are to have the square deal. I have named two of them. The others that I would say would make good if they undertook it are H. B. Donovan, Sr., and E. E. Althouse. Doubtless there are a few others who, if placed in the position and given the right support, would make good, but they are as yet "unknowns." The question of a business manager who has the ability and will give the time, either with or without compensation, is far more important than the question of

## ONAWAY REDS

**Win 6 Firsts, 3 Seconds**

and more than one-third of all awards at

**Madison Square Garden**

**ONAWAY FARM** is the new home of **I. W. BEAN'S** world's famous flock. Same old story.

For particulars, write

**ONAWAY FARM,**

**WRENTHAM, MASS.**

**I. G. DOWNING**

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**"Look Mary-another 100% Belle City Hatch"**



**\$8.55 buys**



**140-egg size**

*I Ship Quick from Buffalo, Minneapolis, Kansas City or Racine*



**Jim Rohan Pres.**

## Biggest Hatches Strongest Chicks

**That's what you want — that's what you'll get with my World's Champion Belle City Hatching Outfit — and I can prove it.**

The whole story is in my big book **"Hatching Facts"** in colors, sent **Free**. Write for it—It gives short cuts to Poultry

Success—what to do and how to do it. Get this book and you'll want to start one of these won-

derful Hatching Outfits making money for you. Every Incubator the Prize Winning World's Champion Model—90 days' trial—Satisfaction Guaranteed. Can anyone offer you more? Over 524,000 Satisfied Users.

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**Freight Prepaid East of Rockies**

You cannot get a better Hatcher at any price — **140-egg Prize Winning Model—Hot-water—Double-walled—Copper Tank—Thermometer Holder—Deep Nursery—Self-regulating** — same as used by Uncle Sam—lead-

ing Agr'l Colleges and America's most successful Poultry Raisers. When ordered with my **\$4.85 World Famous, Hot-water, Double-walled 140-chick Belle City Brooder**, both cost only **\$12.50**. You can also share in my

### \$1000 Cash Prizes

to customers—conditions easy to get biggest prize. You are perfectly safe in ordering direct from this Advertisement—now. The earlier you start, the better your chance to get a big part of this amount the first season. With this Hatching Outfit and my **Complete Guide Book** for setting up and operating, you can't go wrong. Anyway write for my astonishing new **Free Book, "Hatching Facts"**. You'll find it the best guide to success with poultry. Write me today—a postal will do. **Jim Rohan, Pres.**

**Belle City Incubator Co., Box 117 Racine, Wis**





an editor, or the particular plan of the books. Without good business management the series would be a failure financially if completed, and would probably never be completed.

The question of what it is going to do in regard to breed books is one of vital importance to the American Poultry Association. I was not in favor of this breed standard plan when adopted, and I can see many objections to it now. But the way it looks to me now is that the Association has committed itself to a certain line of work, and must make every effort to carry it to a successful issue. To do this it must consider its policies carefully and give equally careful attention to its politics. This means that the individual members generally must take an active interest in these things. Having an association with seven thousand members scattered all over the United States and Canada, and electing its officers through a mail ballot, means that we must have a certain kind and amount of partisanship and of party politics. Without these things such an organization cannot "govern itself."

In the first mail election in 1907, approximately three-fourths of the members voted, and in several following elections the vote was so large that those who had predicted that only a small proportion of the members would vote, felt constrained to admit that they had been wrong. I was one of them. But in recent years the situation has been changing until it appears that perhaps the pessimists were right. In the last election less than one-third of the members voted.

There may be other reasons for the falling off in the percentage voting, but one reason is that it is personal work that brings out the vote, and the Association has grown so large that the cost of canvassing the entire membership twice in an election goes beyond what an individual candidate can afford. When there were less than a thousand members, twenty-five dollars would go a long way in electioneering. Nowadays that amount is only a drop in the bucket.

Members who do not vote usually are members who do not follow Association affairs closely—do not have time to, perhaps—do not know much about the candidates, and have no choice, so they refrain from voting. Then the Association, after two years, cuts them off the mailing list, and we complain of the indifference of members. To me it has always appeared absurd to advocate cheese-paring economies in dealing with the members who cannot attend meetings, while throwing good money after bad by the handfuls in abortive efforts to carry out crude ideas like that of a market poultry and egg standard. If there is one way more than others that liberal expenditure can be followed to a good purpose, it is in efforts to maintain interest among members. The attitude of the Association in regard to furnishing the annual report and the bulletins to members may easily account for a large part of the falling off in applications for membership.

An organization that is in the condition that the A. P. A. now is cannot afford to let any considerations of sentiment for past service or of mere good-

fellowship keep men in office, or put men in office who have no real contribution to bring to the development of the organization or of its work. Unless the interests of the Association are made paramount to the desires, feelings and interests of individuals, the Association cannot go far. All this talk about reorganizing the Association because things are not going well with it is wide of the mark. It is not changes in the constitution that are needed at the present time, but changes in officers and committees with a view to putting the present constitution into effect and to carrying through successfully the plans to which the Association has been committed.

From this time on men and women ought to be considered for office in the Association, only upon their ability to do work that needs to be done or for the effect of their election upon the policies and prestige of the Association. A man who is a suitable candidate at one time may not be at another. The present secretary was able for some years to do such good service in some things that his limitations in other ways could well be overlooked. But a change in the secretaryship is now overdue. It is not a question of Robinson at all. It is a question of finding an eligible man who is in a position to run for the office, and then assuring him of the support of such a body of influential members that he is warranted in adjusting his affairs so that he can qualify for the office.

I said early in this article that, though not a candidate for the secretaryship, I am a provisional candidate for president. That does not apply to this election only. It applies to any time when there seems to be occasion for a contest for the office for the good of the Association, and no one else whose candidacy would represent something more than an itch for office is willing to stand for sound policies and definite progress.

As the situation stands at present, there are two logical candidacies which are not "mutually exclusive." If President Richards is physically fit, the logical thing for him to do would be to take a third term for the purpose of getting the crimps out of the policies he adopted at the beginning of his administration. If he would run for a third term on a platform of this kind, the Association would have the opportunity to square itself with Mr. Curtis without nominating or electing him president. Mr. Richards' attitude toward his own policies and the opponents of those policies is a very unusual and peculiar one. He appears to be blissfully unconscious of the fact that the anti-Curtis campaign upset most of his program, and that blows aimed at Mr. Curtis in nearly every case hit him also. He was prompt to line up for this annual election with those who were obstructing his policies regardless.

I can see reasons why I should support Mr. Richards for a re-election, or advocate the election of Mr. Curtis. Beyond

## D. M. Green's "Royal" Red Sussex

Win 1-3 hen Grand Central Palace, 1915 (two entries); 1 hen, 1-2 pullets, 1916 (three entries). 1-2 hen, 2 cockerel, 3 pullet, Madison Square Garden (five entries). 1 pullet, 4 cockerel, Boston (two entries), 1917. If you want quality I have it. Eggs \$5.00 per 15. Egg booklet free.  
D. M. GREEN, Box 35, CHERRY VALLEY, N. Y.

# BUFF ROCKS

## FOUR FIRSTS AT CHICAGO 1917

The National Buff Rock Club Meet, the greatest class of Buff Rocks shown this year. Won National Cup for America's Best, Cup and Gold Medal for Best Display, First Cock, First Pullet, First Old Pen, First Young Pen, etc. First Prize winners at World's Fair, Madison Square Garden, New York, Palace. Get my mating list with complete winnings before you buy eggs. My matings are the best you can find.

C. R. BAKER, Box W, ABILENE, KANSAS

# PRODUCE WINTER EGGS

AT HALF USUAL COST

## A Collins Oat Sprouter Sells for Only \$3

but saves its price almost every day on the average feed bill. The feeding of Sprouted Oats grown in a COLLINS OAT SPROUTER increases Egg Yield, Cuts Feed Bill, Insures Healthy Hens, Provides Quickly Fresh, Sweet, Green Feed and

## Makes Your Hens Heavy Winter Layers

The Collins is the most satisfactory, quick sprouting grain sprouter on the market at any price. Made of all galvanized Steel. Each part lifts off separately. Fireless, set beside furnace, range, or window. Three sizes: the Popular Size, 8 pans, 11x15 in., at \$3; small Back Yard Flock Size, 5 pans, 11x15 in., \$2; the big Breeders' Size, 8 pans, 11x32 in., \$6.00.

Delivered free East of the Mississippi River. West of River add 50c. West of Rockies add \$1.00. No Advance in Price So Long As Present Supply of Metal Holds Out—But Order Now—Advance Must Come Soon.

My sprouter must give complete satisfaction or I refund money after ten days fair trial. Could you ask anything more fair.

STOP, READ THIS:—Jonas Mills, Farmland, Ind., writes:—Some weeks ago I purchased two large size Oat Sprouters and they are fine. Inclose Six Dollars for another. Please send it at once. Before feeding sprouted oats I was getting 5 eggs per day, and today I got 49.

DEALERS SPECIAL PROPOSITION—I'll send any responsible dealer, all charges prepaid, a sample sprouter, with show card and printed matter. Display it, make sales, order more. If unsold at end of 60 days return to me.

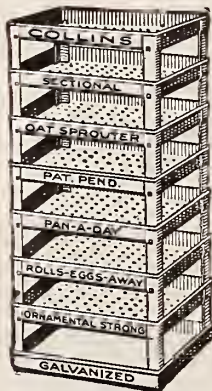
AGENTS MAKE BIG MONEY. Remit for sample or write for full particulars and prices in quantities, liberal commission. To agent selling most sprouters by March 1st, I'll give Free \$6 Sprouter; 2nd best \$3 Sprouter, and 3rd a \$2 one. Speed up. Customers supplied through their dealers or direct. If through dealer, give name and address. Write for circulars and prices in quantities.

FOR ONLY 10c, and the names of three best egg shippers in your section—state whether stores, hucksters, or farmers—and order for \$3. or \$6. Oat Sprouter, I will include the best all metal egg tester on the market for oil or electricity. If ordered separately price 25c or 35c.

W. H. COLLINS,

20-BF Harrison St.,

New York





these two, who appear not to be candidates, no candidacy that has been mentioned means anything in particular with reference to the policies of the Association, or offers any promise of progress in the development of its organization or of its plans.



First Cock and Champion Male at the National Meet of the Single-Comb White Leghorn Club, at the Greater Chicago Show, January 10 to 16, 1917. This bird has never suffered defeat, being first pen cockerel at Chicago in 1914, and first pen cock at Chicago in 1915. To "come back" in his fourth year and win first in the hot class at this National Meet is a remarkable accomplishment. He was bred, owned and exhibited by Eugene Smith, 315 Galena Boulevard, Aurora, Illinois, whose catalog telling all about his White Leghorns will be sent to those interested, upon request.

If that statement is unfair to any candidate, I will gladly correct it, upon being shown that his candidacy does really stand for some service to the Association and to poultry interests, and will cordially support such a candidate. As matters stand, if Mr. Richards either cannot or will not undertake to set right, before he leaves office, the things that have gone wrong during his term, and if Mr. Curtis will not accept a call from members who desire his election, then I am a candidate for the presidency of the American Poultry Association, for the purpose of putting its constitution and laws into effect, and for the further purpose of doing all that a president of the Association can do to consistently carry out measures approved by the Association, whether I personally advocate them or not.

#### WHITE ORPINGTON CLUB MEETING

The annual meeting of the National S. O. White Orpington Club was held in connection with the Pittsburgh Poultry Show, Jan. 17, and the following officers were elected: President, O. W. Aldrich; first vice-president, F. S. Bullington; second vice-president, John Dean; secretary-treasurer, E. S. Aldrich. The new members elected to a place on the Executive Committee were: Messrs. Ralph Wollery, F. M. Gensch, J. S. Morris, E. J. Harbin and J. H. Henderson.

The by-laws were amended so that in the future the election of all officers will be by ballot, thus giving all the members a chance to vote. Secretary E. S. Aldrich, Station B, Columbus, Ohio, writes that a large number of new

members were accepted and the club decided to issue a White Orpington breed standard in connection with the annual year book. Members are urged to pay their dues promptly and those who are not now members are respectfully invited to join the Club.

#### WHY NOT USE THE SAME PLAN WITH FLOCKS OF POULTRY?

Under the leadership of W. Scott Matthews, Illinois Dairy and Food Commissioner, nine "Calf Clubs" have been organized to interest children in the dairy industry. Briefly, this was the plan: Mr. Thos. F. Chamberland, Cashier of the First National Bank at Brighton, Ill., last March, purchased eighty-four heifers, ranging in age from six to sixteen months. These calves were shipped to Brighton and sold to school children at actual cost, the bank taking the child's note bearing six per cent. interest. They paid an average price of \$43.00 per head and agreed to sell them at special auction in less than a year. The sale was held December 8th and the eighty-four heifers were sold for cash to the highest bidder and brought an average of \$92.30 per head, leaving a total profit of \$4,137.00. This was a gala day with a dairy banquet, a parade, speeches, etc. Moving pictures were taken. Carl Vrooman, assistant secretary of Agriculture, came from Washington.

One girl's heifer was sold for \$145.00, and one pound of butter she had made sold for \$5.00. It is planned to interest bankers all over Illinois in this "Calf Club" scheme. The results will be good and far reaching.

Further out west in Oklahoma, a similar plan was put in operation in the case of fowls and it worked well. Illinois poultry breeders should write W. Scott Matthews, 1627 Manhattan Bldg., Chicago, and see if they can interest him in establishing flocks of standard-bred, heavy-laying, profit-paying fowls on Illinois farms. When it comes to supplying mankind with food, the world has to acknowledge the value of the hen.

#### ROSEMONT FARM

Rosemont Farm is the country estate of General Chas. Miller, at Franklin, Pa., where are bred a number of standard varieties of chickens, waterfowls, pheasants, turkeys, Jersey cattle, Chester White swine and Shropshire sheep. Each department is in care of a competent manager, and naturally each wants his department to be the best.

Mr. S. Leroy Tuttle, manager of the poultry department, has about 100 matings of standard-bred poultry, including Brown and

White Leghorns, White Wyandottes and Barred Plymouth Rocks, also Golden and Silver Campines, Silver Spangled Hamburgs, Black Leghorns, Columbian Plymouth Rocks and Japanese Silkies.

They have also established a commercial department in which market eggs and poultry are handled, and they expect to develop this department into a big paying business.

They make it a practice to see that they have no dissatisfied customers. Among their recent winnings we notice those at the National meeting of the S. C. Brown Leghorn Club at St. Louis. They won: 1, 2, 3 hens; 1 cockerel; 1, 2 pullets; 4 cock; 2, 3 pens; \$15.00 for best display; a \$20.00 cup and a silver cup from the president of the Club. They also made a good winning on their Barred Rocks.

For full information regarding their stock and prices, write them.

#### RETIREES FROM OFFICE

After twelve years of faithful and efficient service as secretary-treasurer of the Paterson Poultry Association, Dr. Gilbert Johnson, of Suffern, N. Y., has retired from all offices. He wishes to devote his entire time and attention to his medical practice. At a recent meeting it was found that the Association was in good financial condition and its members gave a rising vote of thanks to the retiring officers for their capable service. Following are the new officers: President, Mr. Richard Lowe, secretary-treasurer, Mr. T. H. Stalling, and assistant secretary, Mr. Peter Shortway, 13 Belle Avenue, Suffern, N. Y.

## White Cornish

MOUNTVILLE FARMS,

Pine Road, Loudoun Co. MOUNTVILLE, VA.

ESTABLISHED 1912

## Don't Feed Green Food!

Do away with the bother by using **Succulenta Tablets**

They are better, cheaper and more relished by all fowl. Simply dissolve one tablet in one quart drinking water or fowl. A full egg basket assured.

Can of 100 large tablets by mail, \$0.50  
 " " 250 " " " 1.00  
 " " 500 " " " 1.75  
 " " 1000 " " " 3.00

Write for particulars, giving your dealer's name, to the SUCCULENTA CO., P. O. Box 405-17 Newark, N. J.

## Blue and White Orpingtons and M. B. Turkeys

McKee's Champion Blue Orpingtons have won at Madison Square Garden, N. Y., in strong competition at the last four shows winning sixteen ribbons on seventeen entries. January, 1917, we won first and second cockerel, third cock, fourth and fifth hen, third and fourth pullet, second pen.

Our White Orpingtons are splendid type, size and color, having defeated the daughters of the \$1000.00 males. M. B. Turkeys good type, bone and markings. If interested in quality write us your requirements. Mating list free.

### McKEE'S ORPINGTON FARM

Garvey McKee, Prop., Box A, Watertown, Tenn.



# Wendell's

inside and out,  
heavy case well  
padded and double walls,  
automatic as near as can be  
constructed. A cracken good one.

## INCUBATORS

**We have specialized on brooders for the past 15 years.**

We make all sizes, all metal, Hot Water Heat, Warm Flannel to Lay on Chick's Back. The best on the market. We have not raised our prices this year. 25 to 50 chick brooder for \$2.50—50 to 75, \$3.00—75 to 125, \$4.00. It will pay you to

**Send Postal Today for free book**  
**WENDELL INCUBATOR CO., Holly, Mich.**

100 Egg \$10.00  
 150 Egg 12.75  
 200 Egg 16.00





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## Write Your Own "Money-Back" Guarantee

On the greatest, most practical coal-burning brooder ever made. Self-feeding, self-regulating, everlasting. Broods 100

to 1000 chicks at a guaranteed cost of less than 6 cents a day. Used by over 10,000 big and little breeders. The

# STANDARD COLONY BROODER

PATENTED

Will do anything any other brooder will do regardless of price, and do it better. You know what a good brooder ought to be and do. Just put that on paper and our dealer or ourselves will sign it and ship the brooder on thirty days' trial. If it doesn't come up to every claim we make, you get your money back without argument.

Beware of Imitations.

**AGENTS WANTED** Some good territory still open. An attractive proposition for the right man or firm.

Book of Proof—Free. Write for it or ask your dealer.

## THE BUCKEYE INCUBATOR CO.

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### SPECIFICATIONS.

Solid cast iron stove.  
52-inch galvanized hover.  
Two double-disc thermostats,  
tandem hitched.  
Rocker furnace grates, self-cleaning and anti-clog.  
Check valve hung on knife edge bearings.  
Gas proof—fire proof—fool proof.  
Guaranteed to burn more than 24 hours in any temperature with one coaling.  
Capacity, up to 1000 chicks.

# \$16<sup>00</sup>

A Little Higher in the West  
on Account of  
Freight.



## LINE BRED STOCK—NOT HIT OR MISS

By Grant M. Curtis, Editor

(Continued from page 171)

Garden Grove, Cal., past-master in the production of prize winning Single Comb Black Minorcas, and suggest to him that he quote prices on half a dozen females, for use in mating these birds with a non-related male to be bought of some other Black Minorca breeder, Mr. McConnell would lose no time in telling his prospective customer that to do this would be a great mistake, provided he wanted to produce prize winners. The same would be true in the case of asking Mr. McConnell to quote a price on a choice breeding male, this bird to be mated to non-related pullets or hens. The same would happen if you, reader, were to write to Frank McGrann, to Arthur Trethaway or to any other owner of an established strain of S. C. Black Minorcas.

And the conditions would be even worse if the breed in question were Plymouth Rocks and the variety Barred Plymouth Rocks, or if the breed in question were Wyandottes and the variety were Silver, Golden or Penciled. In other words, IT SIMPLY WILL NOT DO for you to buy female blood from one flock or strain and male blood from another flock or strain, the two strains being non-related, if you desire to produce high-class winners, either for pleasure or profit. Positively it cannot be done that way, provided the competition is at all keen. Every breed and every variety in the American Standard of Perfection has been produced BY LINE-BREEDING, by mating selected specimens with blood relatives, and persevering in this course generation after generation. That is how we came to have breeds and later on, this is how the different varieties were developed and established.

Now that we have breeds that "come true" to breed characteristics, also varieties that can be depended on to reproduce themselves, we have not reached the limit of what can be accomplished by the same methods, not by a long ways. Inbreeding is the correct term, but it must be done on intelligent lines. To accomplish specific purposes, close inbreeding is allowable—is necessary in fact, in ESTABLISHING shape outlines, purity of color and beauty of feather pattern. Frankly, in no other way can this be accomplished in full measure. By full measure we mean to an extent that will enable you to win prizes in strong competition.

If you simply want to keep a flock of fowls and have them fill the egg basket, with no thought of placing them in public competition under a disinterested judge in hopes of winning prizes and thus establishing a basis for the profitable advertising and sale of surplus stock and eggs for hatching, then you can disregard the advice given you in this article and may go it blindly, or be indifferent as to blood lines; but if you "mean business" in the sense of wishing to establish a strain, the best specimens of which will reproduce themselves IN PROFITABLE PERCENTAGES, you must line-breed and persist in it year after year. There is no other



royal road to success, as a producer of prize winning specimens.

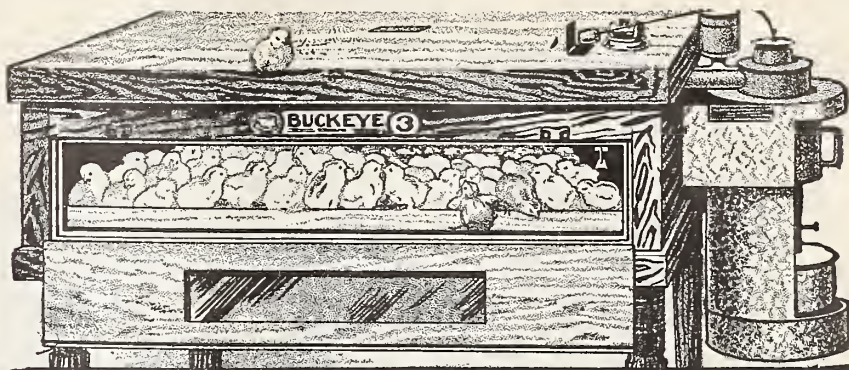
To build up a strain of the kind we are describing, takes years of time and a careful study of the requirements and essential conditions. The requirements relate to getting started right and going right; the essential conditions include proper housing, the necessary range, intelligent feeding, etc., etc.

For you to undertake to build up a strain of your own, starting with non-related blood lines, will mean several years, perhaps many years, of experimenting, including disappointments that in most cases can be avoided. A far quicker and safer plan is to "buy into" some established strain, doing your best to make sure that you are getting into the right strain—A REAL STRAIN. There are breeders of prize winners—also buyers of prize winners. It is the real breeder that you are looking for. Quite often these breeders advertise that every bird shown by them is of their own production. These advertisers are entitled to your special consideration. Numerous other advertisers state frankly that they are breeding such and such a strain—breeding it in its purity. This means that they go back to the same strain every year or every few years for new blood, introducing this blood cautiously, sometimes through the male line, at other times through the female line.

In self-protection, reader, you should study these advertisements, scan carefully the printed matter, note the winnings made, consider the competition met, and then make your purchases from an established and dependable strain. If you cannot afford to buy a breeding trio or breeding pen, then bargain for one or more sittings of eggs from one, two or three of the best matings the poultryman owns—the poultryman to whom you have decided to entrust your order. In every case tell this poultryman frankly what you are after, what you wish to secure—also perhaps what your ambition is. You will find that he is human like yourself, and that if you are frank with him, he will be candid with you. After you have decided to place confidence in him, try to get into his confidence. Ask him to tell you the straight of it and also give him fair warning that you are coming back to him the following year and perhaps for several years, for new blood—that therefore you want a right start, with all due credit to him if he treats you fairly and honorably.

Having selected such a poultryman, trust him fully, unless you find out that he is mistaken or that you are. Perhaps his strain is not as good as he claims. He may be innocent in making these claims. Here is where your good judgment must come into play. Scrutinize the facts, including his winnings, the size and character of the shows where he exhibited, the amount and keenness of the competition his birds have encountered. As a rule it will not do for you to put your judgment against his, nor to question his statements—not while you are in the novice class. A sample in point:

Eighteen or twenty years ago the writer sent to A. C. Hawkins, Lancaster, Mass., for a trio of pullet-breeding Barred Plymouth Rocks. We paid what



# BUCKEYE

## The Best Incubator Made

*"Built up to a standard  
--not down to a price"*

You'll find it in the plants of the biggest breeders in the country--and you'll find it in the piano box coops of beginners just starting. Endorsed by all Agricultural Colleges and Experiment Stations.

Anybody can hatch chicks with a Buckeye. It operates automatically and can't go wrong. You get a chick from every hatchable egg.

That's why poultrymen *think* "Buckeye" when they *say* "Incubator."

### Look at This Guarantee

The Buckeye Incubator is *guaranteed* to hatch more chicks and better chickens than any other incubator, regardless of price, or we take it back.

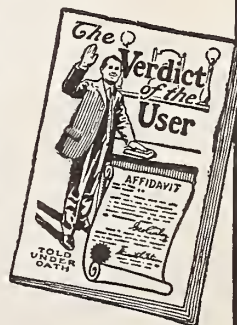
The fame of this guarantee has traveled from sea to sea. Over half a million "Buckeyes" are in use by big and little breeders and over 2000 leading dealers sell it.

### Agents Wanted

Some very  
choice territory  
open.

Write quick

What they say from experience is to be found in our book---"The Verdict of the User"---backed by affidavit. A copy of this and our catalog can be had free from our dealer, or drop us a postal to send you our "Incubator" books.



**The Buckeye Incubator Co.**

236 Euclid Avenue

Springfield, Ohio



then seemed to us to be a long price for them, although it was only \$65.00. When the three birds arrived we were much disappointed. The pullets looked all right, but the cockerel was a sight! In those days the Standard of Perfection was not illustrated; hence as a novice we had nothing to compare this male bird with in the nature of a "Standard" picture, but he did not look at all like the "rooster" we had expected to get. He had a small comb, consisting of four stubby points, not the ideal five that the Standard told about; his tail resembled that of a Cornish fowl and his back reminded us of a shed-roof poultry house. The shoulders were broad, the breast deep, the body of good length, and his legs were sturdy and set well apart. The eyes were deep red and he had a kick in him like an ostrich, meaning good health and plenty of breeding power.

We wrote Mr. Hawkins, expressing our disappointment. He replied, urging us to keep the three birds and give them a chance to prove out. We did so and that fall a man with one eye could go among our more than 400 Barred Rock pullets and select every one of the Hawkins-trio pullets with ease. They could be seen and recognized two or three hundred feet away. Our other pullets, as a rule, were smutty, were indistinct in barring, were too dark, whereas the Hawkins pullets, practically without exception, were as bright as new silver dollars. We were proud of them and in the late fall made the mistake of selling ten of them at \$10.00 each. We should have asked twice that sum for them, as they were well worth it. Pullets bred from that trio were used by us eight years as breeders and we sold several thousand dollars worth of breeding stock and hatching eggs from them, getting as high as \$25.00 each in two or three cases.

If we had relied on our own judgment, the three Barred Rocks, or the male bird at least, would have been shipped back to Lancaster, Mass. However, we had sense enough to know that Mr. Hawkins was far better informed than we were as to the blood lines represented in this trio of birds, also that when it came to the question of producing choice females, this odd-looking rooster had several good points, as was demonstrated by the progeny. He had more barring and deeper barring than was the rule in those days, and females from this trio held their color four, five and six years. Still later we went back to Mr. Hawkins and paid him \$25.00 each for pullets related to this trio, for the purpose of introducing new blood. It would have been a fatal mistake, as we learned years later, for us to have tried to improve our Hawkins strain of Barred Rocks by introducing non-related blood from some other strain, even though the other strain was equally good, as proved in leading poultry shows of the country.

One other example to prove to the interested reader that the advice here given, as regards depending on blood lines, rather than to go at it hit-or-miss, applies to solid colored varieties as well as the parti-colored kind. Years ago at Table Grove, Ill., lived Rev. John Hughes, originator of the Empire Strain of White Plymouth Rocks. In those

days, eighteen to twenty years ago, Rev. Hughes had the best White Rocks in the central-west, as proved by winnings made by him at leading shows in that section, also by his customers. Finally he yielded to the temptation to send to another strain—very well advertised—for three pullets, with the intention of using them for the introduction of new blood. His birds were getting leggy, also their combs were too large, which was a common fault in White Rocks at that time.

Instead of "proving out" these non-related pullets, Rev. Hughes made the mistake of putting them in his best breeding pen. Trouble broke out the first year in the form of brassy-backed males. Sickness prevented Rev. Hughes from giving proper attention to the trouble—the final result being that the second fall he sold 171 Empire Strain White Rocks to an incubator company in Quincy, Ill., representing practically his whole product of that season; then he set about picking up an odd bird here, another there, representing his pure strain, and it took him five or six years to get back to the position of advantage that he had occupied as a producer of high-quality, competitive White Rocks at the time he introduced the three

## BUMSTEAD'S S. C. REDS

Win 1st Pullet at Syracuse; 4th Pen Palace Show; Display New London, Ct.; Display at Springfield, Mass., 166 birds competing.

*Breeding Stock For Sale*

*Mating List Free on Request.*

**W. H. BUMSTEAD**  
STAFFORD SPRINGS, CONN.

## Andrews' White Wyandottes

*PROVE THEIR SUPERIORITY*

at the New York Garden Show, 1916-17. Won 1st and 4th Cockerel, 1st Hen, 5th Cock, 2nd and 3rd Pen, in strongest class ever shown at the Garden. Also won at Boston, 1916, 1st Cock, 1st Cockerel, 1st and 2nd Hen, 1st Pen, 2nd and 3rd Pens.

The above wins together with their continuous wins at Boston for nearly 20 years prove their title to the best in White Wyandottes. They are layers too.

Book orders now for eggs from pens headed by New York and Boston winners. Mating list free.

**J. W. ANDREWS**  
Box W, Dighton, Mass.



1915, we won 1st and 5th pullet, 2nd cock and 5th pen.

To the Wilkes Barre Show this season we sent a few of our second string cockerels to try them out and won 1st, 2nd, 3rd, 4th, 5th cockerel.

At Scranton, 1914, we won 1st and 5th cock; 1st, 2nd, 3rd hen; 1st, 2nd, 4th, 5th cockerel; 1st, 2nd, 4th, 5th pullet; 1st, 2nd, 3rd pen. Special Best Female in show and Best Display in show. Address

**WARNER & GREENE,**  
2092 N. Main Ave.,  
SCRANTON, PA.

## WARNER & GREENE

AGAIN VICTORIOUS  
At Madison Square Garden  
1916-17

To win at the Garden proves beyond doubt that we possess poultry of the highest merit. Our first hen was a wonder. In the opinion of many experts she was the best hen at the Garden this year. We also won 3rd hen, 4th pullet and 4th and 5th cock, no pen entered. At the same show last year we won Best Display, and February,





non-related females, putting them into his best mating.

We are not giving all the particulars in this Hughes case, because we do not recall them at this time, but we were an officer in the incubator com-

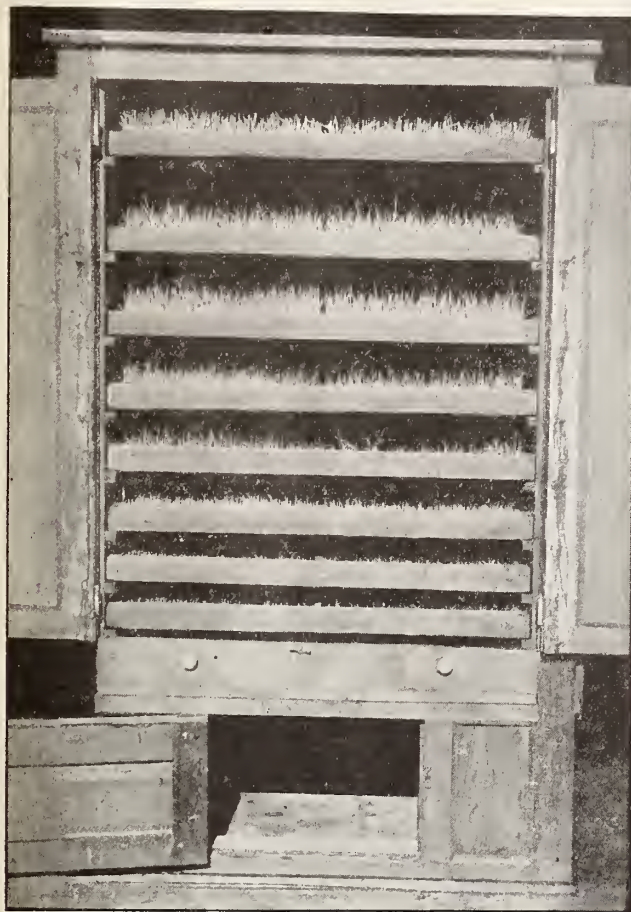
choice products, generation after generation. According to our knowledge and experience, there is no other equally safe method for the average poultryman or poultry woman to adopt in their plans for success in this field of effort.

Exceptions appear to exist to every rule. Biologists and other experimenters have found that the prepotent power to lay more eggs is transmitted through the male. This fact is of great benefit in practical or commercial poultry keeping. The sexes run about even, the number of cockerels about equalling the number of pullets, on the average; therefore a wise course to pursue on the part of countless numbers of owners of ordinary flocks (meaning farm flocks, etc.) who wish to increase the egg yield, is to buy breeding males from prolific-egg-yield strains. This has been done, times without number, with good results. Often the egg yield of a well-kept, well-fed flock can be increased 25 per cent. by the introduction of prolific-egg-yield blood from a strain that has been bred for that special purpose.

Furthermore, the average flock of any breed or variety, standard-bred fowl, can often be improved to some extent by the introduction of a decidedly better male, even if non-related. These facts are well known to successful poultrymen, but the

main object of this article is to give sound advice to men and women who wish to produce prize winners—prize winners first at some local or nearby show, and later at a state show or perhaps at an exhibition of national importance. To accomplish this with any degree of certainty, IT IS NECESSARY TO BREED IN LINE generation after generation, taking great care as regards the introduction of new blood; either this or you must buy into such a strain and then preserve its purity by using the same blood for strengthening purposes as the years go by.

Be sure to read the item, INCREASE IN A. P. W. SUBSCRIPTION PRICE on the first editorial page. The new price of 75 cents per year goes into effect March first. Send in your renewal now—50 cents for one year or \$1.00 for three years.



AN OAT SPROUTER IN OPERATION

For small flocks, an oat sprouting cabinet, similar to the above has proved most convenient. Heat is provided by means of a lamp or small oil stove. An oat sprouter, such as shown here, can be made at home and Mr. D. P. Upham, of Asbury Park, N. J., who kindly send us the photograph from which this cut was made, states that he has used it with great success. Mr. Upham is authority for the statement that he has had 4½ quarts of seed oats grow in four days so that the sprouts filled two fifteen-quart pails. Mr. W. H. Monroe, of the Close-to-Nature Company, Front St., Colfax, Iowa, manufacturers of different kinds of oat sprouters, wrote recently that he was surprised to find the number of people, among those who crowded around their exhibit at the largest shows, who are familiar with the value of sprouted oats. Many of these people use home-made devices and many others left their orders for the handy and efficient factory-made article. In considering how to feed your early chicks do not overlook the value of sprouted oats.

pany that bought the 171 White Rocks—big husky cockerels and well-developed pullets—and we remember the disappointment and disgust that were expressed by Rev. Hughes in telling of his mistake and the results. Therefore our readers may put it down, "black on white," that it is a delicate matter, even for an experienced poultryman, to introduce non-related blood into any well established strain. Far better than this, because far safer and more profitable, is the plan of buying into an established strain, then doing your best to help improve it. In other words, start in with some reliable breeder who has spent years in developing a prize winning strain, or who has bought into such a strain and has kept it pure, then march along parallel with these men, you to do your best to equal or excel their

**Why Did The Chicken Cross the Road?  
Because She Was Of The Famous  
HOPEWELL FARMS STRAIN**



and had plenty of energy left after supplying her bodily needs and Laying an Egg.  
**S. C. W. Leghorns and  
S. C. R. I. Reds**

Hatching eggs from hens bred for breeders on free farm range and never weakened by forced production.

Big eggs that hatch big chicks that live.  
**Professor Eglantine**, son of Lady Eglantine, 314-egg world's champion, specially mated. Send for 1917 Booklet.

HOPEWELL FARMS, Box D-161. HOPEWELL, N. J.

**SUNSWICK STRAIN**

**BUFF ORPINGTONS**

**The Strain That Lays, Wins and Pays**

Blue Ribbon Winners this year at the Hackensack and Patterson, N. J., Shows

Eggs \$1.50 and \$3.00 per setting.

SEND FOR MATING LIST.

H. N. Simpson, Rutherford, N. J.

**EASY WAY TO GET  
E G G S**

Eggmen in every state get LOTS MORE EGGS by FEEDING "OCULUM," a drop a day to each hen. They buy it from pints to 10-gal. kegs.

"I fed 'OCULUM' to 48 Leghorns 24 days. Eggs increased from 8 to 42 a day." H. C. MILLER, Akron, O., A. P. A. Judge.

"800 hens jumped from 30 to 398 eggs a day after feeding 'OCULUM' 16 days." G. CISCO, Mountain View, N. J.

"'OCULUM' doubled my eggs in 23 days."—C. E. CORNELL, Tacoma, Wash.

Bottles 50c and \$1, Pint \$2, Qt. \$4, Gal. \$10, delivered, or at your dealer.

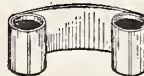
Trial (240 feeds) 10c. Booklet Free.

**"OCULUM" CO.,**

Box Q, Salem, Virginia

Find a word spelled wrong and get \$1 bottle for 75c

**Try the modern way of  
marking Day-old Chicks**



THE  
**"NEWCOIL"  
CHICK BAND**

is neat, attractive and very visible. But above all, it is EASY to attach—may be applied the day chick is hatched, or later, and may be used several times.

Suppose you have some Day-old Chicks you wish to keep track of—just coil a

**"NEWCOIL" BAND**

on their legs. "NEWCOIL" Bands are made in TEN COLORS:—Black, White, Light Blue, Pink, Dark Blue, Green, Yellow, Purple, Red and Garnet.

Send us 10c in stamps and we will immediately mail you 10 "NEWCOIL" Chick Bands, any color you select.

**DO IT TODAY.**

**NEWELL & GORDINIER  
TROY, N. Y.**



## THE SPRINGFIELD, MASS., POULTRY SHOW

The Ninth Annual Exhibition Was a Success. 1,500 Entries of Poultry, Pigeons and Pet Stock Made a Fine Showing. Many High Quality Birds

BY GEO. W. TRACY

The ninth annual exhibition of the Springfield Poultry Club, Inc., otherwise known as the Springfield Show, was held December 19-22, 1916, in the new auditorium at Springfield, Mass.

The Springfield Poultry Club is an organization of 156 poultry enthusiasts and fanciers residing either in Springfield or the immediate vicinity. We venture to state that there are not many clubs of this size that, working along the lines of the Springfield Poultry Club, accomplish as much for the benefit of the poultry industry. Mr. G. L. Hollister, show secretary, seems to be the right man in the right place, and is fortunate in having the co-operation of other enthusiastic officers.

Mr. Hollister states that their premium lists were late, due only to the fact that they were held up in the post office, but notwithstanding this drawback there were upwards of 1,500 entries of poultry, pet stock and pigeons, which combined made a very good showing. Many breeders of nation-wide prominence were among the exhibitors.

The National meeting of the American Buff Wyandotte Club was held at the Springfield Show, which resulted in bringing out very large classes of Buff Wyandottes, and the fact that Chas. Nixon was selected to judge these classes speaks well for him.

The exhibit of the Lord Farms or Everlay Farm, Box 240-G, Methuen, Mass., was the center of much interest at this show. There were two pens of S. C. White Leghorns, representatives of the Lord Farms, and they were certainly "lordly" birds. Their commanding size and unusual vigor combined with their long, graceful bodies and pure white color, made them a very pleasing picture to the eye.

Mr. Lord himself was present and we had a most interesting talk with him in which he told us of the methods employed upon the Lord Farms the manner in which he was able to create and perfect one of the fore-most strains of poultry in the world, etc. We wish that we had the space to give the readers of the A. P. W. the benefit of this "talk," but we understand that this information, and more, will appear in the form of an article by Mr. John H. Robinson, to be published in the March issue of A. P. W.

The demand for the Lord Farms' baby chicks has been constantly increasing until from a hatching capacity of 3,000 eggs their capacity this coming season will reach the great total of 89,000 eggs. In regard to the good quality of their chicks we would say that a Lord Farms' baby chick purchased by one of their customers, developed into a hen that laid 288 eggs her first laying year; and she has produced a daughter that laid 248 eggs during her first year.

The classes as a rule were up to the usual Springfield quality, the more important in point of numbers as well as quality being the Reds, Buff Wyandottes, Barred Rocks, and Leghorns. The

Reds are always "hot" at Springfield, and many winners at Boston and the Garden first won their blue ribbons here. Harold Tompkins judged these classes and, taking them as a whole, it would be difficult to improve upon his good work.

The Single Comb classes brought out some great females; in fact, as good females as we have seen this year. There were 15 "hot" pens, some "hot" pullets and a fine colored lot of hens.

Mr. W. H. Bumstead of Stafford Springs, Conn., won the honors in the S. C. classes including best display. His first prize hen was a noticeably fine bird of unusual shape and color, while his first prize pen contained four S. C. Red females as fine as we have yet seen exhibited in a pen; indeed, Mr. Bumstead has developed a strain of S. C. Red females that cannot be excelled. They have the typical R. I. Red shape combined with the rich, deep red that is so much admired in this variety. He showed a pullet at the New York State Fair that made a "walk-away" with the first prize. We are glad to recommend Mr. Bumstead to readers of A. P. W. as a man who can be depended upon to give you a square deal. He breeds

his own show birds, will have some fine matings, and can furnish eggs for hatching. We advise our friends who are interested to write him for information and prices.

Rev. C. T. McCann of Manchester, Conn., exhibited an exceptionally good string of Single Comb Reds, including three fine cockerels that attracted considerable attention. Father McCann is a great poultry fancier, having bred with success other varieties than Reds. He entered a pure-bred Irish S. C. Black Minorca hen and cock at this show—both fine specimens—the cock winning first and the hen second. During recent years he has taken up the S. C. Reds and has made good with them, his pullet at New London, Conn., having won first prize. The genial father rightfully believes that the breeding and business of selling fancy poultry is a calling that stands in line with other domestic pursuits and that it is worthy of an honest man's best efforts. We are proud to enlist such as he in the cause of the R. I. Reds.

The Rose Comb Red classes while not so large as the Single Combs, made up the difference in quality in both males and females; in fact the best Rose Comb Reds of the season thus far appeared here. This was occasioned by the fact that Payne Bros., Portland, Conn., entered a fine string, winning 2, 3, 4, 5 cocks; 1, 2, 3, 4 hens; 1, 2, 3, 5 cockerels; 1, 3, 4, 5 pullets; 1, 2 pens and best display. His first R. C. cockerel was a real star and won A. P. A. medal for

### Longfield Rose Comb Reds Win at the Great Chicago Coliseum Show, December, 1916

1-2 Hen, 1 Ckl., 1-4 Pullet, 1-4 Old Pen, 1-3 Young Pen, 2-3 Cock, Silver Cup for Best Display and Silver Cup for Best Colored Female. This great winning in a class of 268 R. C. Reds exhibited by 31 breeders from North, South, East and West is but another link in their chain of victories and again proves their superiority. Longfield Reds have been consistent winners at this, probably the greatest Red show of the World. In the past 6 years winning 6 times as many first premiums as any competitor and Best Display the past 4 years. Longfield Reds not only win one year but come back and win year after year in the strongest competition. BLOOD WILL TELL. We have the best lot of stock to offer that we ever had. On approval always: Write for illustrated Mailing List describing breeding pens.

LONGFIELD POULTRY FARM,

Box 339,

BLUFFTON, IND.

## Wisconsin Wins In Big Hatching Contests Every Year

### Why Pay More

For only \$10 you can get these two prize winning machines, delivered, freight paid east of the Rockies. You take no risk—money back if not satisfied. You can order direct from this ad. Ask the publisher about us.

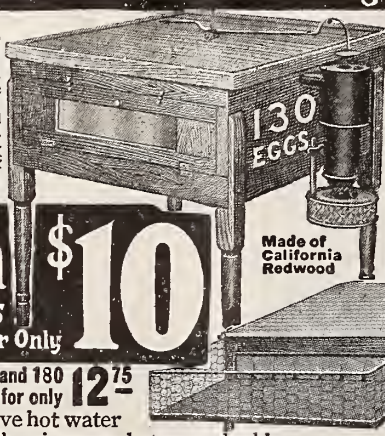
**Both Machines**  
Freight Paid For Only

**\$10**

180 Egg Incubator and 180 Chick Brooder both for only \$12.75  
Wisconsins have hot water

heat, double walls, air space between double glass doors, copper tanks and boilers, self regulating. Nursery under egg tray. Made of finest, select, clear CALIFORNIA REDWOOD, not pine, paper or other flimsy material. Incubator finished in natural color—not painted to cover up cheap, shoddy material. Incubator and Brooder shipped complete with thermometers, egg tester, lamps, everything but the oil. This is the best outfit you can buy. If you don't find it satisfactory after 30 days' trial, send it back. Don't buy until you get our new 1917 catalog, fully describing this prize winning outfit. WRITE FOR IT TODAY. You can't make a mistake in buying a Wisconsin. On the market 15 years

**WISCONSIN INCUBATOR COMPANY, Box 58 Racine, Wis.**



Wisconsin Incubators have long proved their wonderful hatching qualities. Competing with every make known, they won in the five big annual National Hatching Contests. Think of it. Five consecutive victories. That certainly proves you can't make a mistake. Shipped on

**30 Days' FREE Trial**

**MONEY BACK IF NOT SATISFIED**

**10-YEAR GUARANTEE**



best cockerel in the show — a great honor which he richly deserved as he was a bird of deep lustrous color and fine shape. The first hen was also a dandy, while their first pen was another one of their "dreams." Payne Bros., are noted for having won first prize pen twenty-five times in succession, winning three blue ribbons in as many showings at Boston, and several times at the Garden. They have the best flock in their history and have sold sensational winners for other big shows. We advise you to send for their mating list and learn about what they have accomplished.

The Buff Wyandotte class outnumbered all others, due partly to the fact that the Buff Wyandotte Club Meeting was held at this time, and let us say here that the "Buff boys" are a fine lot of fellows, foremost among them being W. S. Crandell of Greenwich, N. Y., who is a credit to the poultry industry. Formerly he bred high-class R. C. R. I. Reds, but discarded them for the Buff Wyandottes, which he now breeds exclusively. As a breeder of this variety Mr. Crandell is a crank of the first water. According to him, Buff Wyandottes are the highest product of the standard-bred poultry industry, and he raises some of the best. His second prize cock possessed the best color of any Buff in the show and is in our opinion the best colored Buff cock that we have ever seen, though shortness of feather caused him to be not yet up to his best show condition.

We mislaid Mr. Crandell's list of winnings, but he won well. He has a num-

ber of fine breeding birds for sale, and we will guarantee satisfaction to readers of A. P. W. who wish to make any purchases of stock or eggs from him.

Theo. S. Hewke, "Boulder Knoll," Middleton, N. Y., showed up with a fine Buff Wyandotte cockerel—a bird that led the R. C. cockerel a chase for the A. P. A. medal and that won first prize for Mr. Hewke, who is always found in the winnings wherever he exhibits. Mr. Hewke does not neglect the utility qualities in his birds for the fancy points, but breeds for both. He won the A. P. A. grand prize medal in the American class at the New York Palace Show. He has a number of good cockerels for sale at very reasonable prices, and will accept egg orders for early delivery.

The judges at the Springfield Show were Messrs. Chas. Nixon, Arthur Gies, Paul Ives, Irving F. Rice, Harold Tompkins and C. H. Wells, whose good work met with general satisfaction.

Among the breeders of Orpingtons and Mammoth Bronze turkeys whom it is a pleasure to recommend, is Garvey McKee, Box A, Watertown, Tenn. In a recent letter Mr. McKee said that he has the best Blue Orpingtons this season that he has ever raised, and that all his young winners at Madison Square Garden, New York, were raised by him. He won 1, 2 cockerels; 3 cock; 4, 5 hens; 3, 4 pullets; 2 pen. At the last four shows he has won sixteen ribbons on seventeen entries. He will be able to spare only a limited amount of eggs from his Blue Orpington pens. He wishes to raise a greater number of birds this season because he has been unable so far to supply the demand for stock. He also has a splendid lot of Mammoth Bronze turkeys and White Orpingtons for sale at reasonable prices. When writing kindly mention A. P. W.

#### DECEMBER REPORT OF THE NATIONAL EGG LAYING CONTEST, MOUNTAIN GROVE, MISSOURI

We quote the following from the December report issued by Director C. T. Patterson of the Missouri Experiment Station at Mountain Grove:

During December 290 hens in the sixth egg laying contest, produced 2,872 eggs which is almost 10 eggs each. The highest pen for November and December has produced 210 eggs, which would average 252 eggs each if they were to continue at the same rate throughout the year.

The highest individual for the two months produced 54 eggs which would mean 324 eggs during the year at the same rate. Of course it would not be safe to prophesy this, but these records go to show that if pullets are properly developed it is possible to get a good egg yield during the winter months.

The five highest pens for the month are as follows:

Pen	Eggs
19, R. C. R. I. Whites, New Jersey.....	113
31, White Wyandottes, New York, Tie.....	102
35 White Wyandottes, Missouri, Tie.....	102
23, White Orpingtons, Missouri.....	94
28, S. C. Reds, Iowa.....	93
20, R. C. Reds, Missouri.....	92

The five highest hens for the two months are as follows:

Hen	Pen	Eggs
4,	35, White Wyandotte, Missouri.....	54
3,	19, R. C. R. I. White, New Jersey.....	50
1,	28, S. C. Red, Iowa, Tie.....	47
3,	31, White Wyandotte, N. Y., Tie.....	47
3,	35, White Wyandotte, Mo., Tie.....	47
1,	3, Buckeye, Missouri, Tie.....	46
2,	24, S. C. Red, Missouri, Tie.....	46
8,	1, White Rock, Idaho, Tie.....	45
4,	31, White Wyandotte, N. Y., Tie.....	45

The nine highest pens for November and December are as follows:

Pen	Eggs
35, White Wyandottes, Missouri.....	210
31, White Wyandottes, New York.....	209
19, R. C. R. I. Whites, New Jersey.....	181
27, Buff Orpingtons, Missouri.....	179
22, R. C. Reds, Missouri.....	165
20, R. C. Reds, Missouri.....	157
23, White Orpingtons, Missouri.....	153
52, S. C. White Leghorns, Missouri.....	151
28, S. C. Reds, Iowa.....	148

## YOUNG'S STRAIN S. C. W. LEGHORNS *Triumph Over All Comers!*

(FROM THE PACIFIC TO THE ATLANTIC)

At Madison Square Garden, December 29th, 1916, to January 3rd, 1917, the Great Sweepstake Show of America, in the heaviest competition ever brought together, and the largest and best class ever shown at the Garden, my winnings were as follows:—

**COCKS, 1st, 2nd, 3rd, 4th and 5th prizes:**

**HENS, 1st, 4th and 5th prizes;**

**COCKERELS, 2nd, 3rd and 4th prizes;**

**PULLETS, 1st prize;**

**PENS, 1st and 2nd prizes.**

Special for Best Display, Special for Best Cock, Special for Best Hen, Special for Best Pen and the Grand Solid Silver Sweepstake Special for the Best Bird in the largest class of the show.

I have the grandest lot of choice breeding cocks and cockerels for sale that I ever have owned. They will improve any flock for exhibition and laying qualities.

**WHY NOT COME TO HEADQUARTERS AND GET THE BEST?**

*Mating list free on request.*

**D. W. Young,**

**Box E-13,**

**Monroe, New York**



## SIXTH INTERNATIONAL EGG LAYING CONTEST AT STORRS, CONN.

The birds in the sixth egg laying contest at Storrs, Conn., are making a better record than those that took part in any previous contest, according to the December report, from which we quote:

"In the second month of the sixth laying contest at Storrs the one thousand hens laid 8,232 eggs. Each hen therefore averaged to lay during the month  $8\frac{1}{4}$  eggs or a yield of  $26\frac{1}{2}$  per cent. The total for the first two months, November and December, amounts to nearly 14,000 eggs as compared with a yield of less than 13,000 for the corresponding two months a year ago. In other words, the hens in the present competition are now working on a margin of more than a thousand eggs over the record of any previous contest.

"The annual December slump of the Leghorns has occurred again. The management of the contest at Storrs has not yet been able either to avoid or control this condition. It has seemed to be due at times to severe weather conditions, at other times to over maturity of the birds on arrival and subsequent molting. It may be, perhaps, due partly to the fact that the change in environment has an adverse effect on the lighter and more nervous and excitable breeds. Each year a little more caution is used and in general some little change in management is made, but as yet the problem does not seem to be solved."

A record of 193 eggs won the first prize for December for a pen of White Leghorns from New York, while a pen of White Leghorns from Pennsylvania won second with 167 eggs and a third pen of White Leghorns tied with a pen of Buff Wyandottes for third place with 157 eggs each.

The foregoing is, of course, prima facie evidence that some of the Leghorns were immune to the slump discussed in the preceding paragraph. These four pens or (forty birds) have consumed during the month 160 lbs. grain, 144 lbs. mash, 11 lbs. shell, and 7 lbs. grit, that costs about \$8.50.

The ten leading individual layers to date are as follows:

Pen	Eggs
171 Wh. Wyandotte, Pa. ....	49
9 Barred Rock, Conn. ....	48
152 Wh. Wyandotte, Conn. ....	48
391 R. I. Red, Conn. ....	48
231 Wh. Wyandotte, N. Y. ....	47
31 Barred Rock, L. I. ....	46
32 Barred Rock, L. I. ....	46
91 White Rock, Mass. ....	45
95 White Rock, Mass. ....	45
304 Buff Wyandotte, Conn. ....	45

Many poultrymen have been using permanganate of potash to prevent the spread of colds and similar catarrhal diseases. During the past two years this product has risen in price from fifty cents a pound to \$3.00 to \$3.50 a pound, thus it is not surprising that a good substitute is being sought. One authority suggests the use of bluestone or copper sulphate, which can be used as follows: Dissolve four ounces of the bluestone in a quart of water, this to be known as a stock solution. Add one ounce of this stock solution to each gallon of the drinking water. This can perhaps be well used for a short period but should not be too long continued. Furthermore one ought to use enameled or earthenware

vessels as the copper sulphate solution may produce undesirable chemical changes when used in galvanized pans.

The best pens in each of the principal varieties are as follows:

No.	Eggs
4 Barred Plymouth Rocks, L. I. ....	241
16 White Wyandottes, Conn. ....	253
50 Rhode Island Reds, Conn. ....	222
80 White Leghorns, Conn. ....	310
31 Buff Wyandottes, Conn. ....	249
13 Buff Rocks, Conn. ....	233
54 White Orpingtons, R. I. ....	203

## ANNUAL MEETING OF THE SUSSEX CLUB OF AMERICA

The annual meeting of the Sussex Club of America was held at Madison Square Garden on Saturday, December 30, 1916, during the Madison Square Garden Show. The report of the secretary showed the club to be in a very prosperous condition.

Following are the officers: President, A. C. Williams; first vice-president, G. A. Lucas; second vice-president, T. J. Rountree; secretary and treasurer, D. M. Green, Cherry Valley, N. Y.

Beginning January 1, 1917, the club will issue the "Sussex Magazine," which will be devoted exclusively to the different varieties of Sussex. Copies will be furnished free on request. Those of our readers who are interested in Sussex and are not now members are invited to join at once. Membership fee, \$1.00. Address all communications to the Secretary, D. M. Green, Cherry Valley, N. Y.

## BUMSTEAD'S REDS

Some years ago Mr. W. H. Bumstead of Stafford Springs, Ct., began to breed S. C. R. I. Reds, starting with a trio from a well-known New England breeder. He has established his own strain and steadily improved it, each year having the satisfaction of knowing that his birds are a little better than the previous year. All the birds that he has shown, he has bred and raised himself.

Mr. Bumstead keeps about 200 layers, and

each year raises about 500 chicks. In addition to half a dozen special pens he will have about 200 females in utility pens. At the last Springfield, Mass., show he sold his fourth cockerel for \$50, and also sold some birds to go to larger shows.

Mr. Bumstead does not sell day-old chicks, but sells eggs for hatching as well as breeding stock. Full information will be furnished on request.

## DO YOU NEED HELP ON YOUR POULTRY FARM?

Professor H. R. Lewis, College Farm, New Brunswick, N. J., is poultry Husbandman at the New Jersey Agricultural Experiment Station, and he notifies us that the short course in poultry husbandry at Rutgers College, New Brunswick, will soon close and that there will be a dozen or more young men available for positions on poultry farms. It so happens this year that many of the young men have already had experience in poultry keeping. A number of the young students plan to locate on farms of their own. This short course embraces lectures and practices in all the operations, such as caponizing, killing, picking, etc., and a course of instructions in feeding, breeding and management.

No one can look at the cover of the catalogue, issued by the Gem Incubator Company, Greenville, Ohio, without a smile. There is something very appealing in a little chick and those on this catalogue cover are certainly attractive. The contents of the catalogue are equally attractive to those who are interested in artificial incubation and brooding. The Gem Incubator Company handles a full line of poultrymen's supplies, including incubators, brooders, portable houses, brooding coops, folding exhibition coops, safety lamps, feed hoppers, drinking fountains, feed troughs, chick food, etc. There are a number of pictures from successful users of the Gem incubator, also a few of the many testimonials they have received. This catalogue will be sent free on request. When writing, kindly mention A. P. W.



## EGG-O-HATCH

### How and Why it Better the Hatch And Brings Stronger Chicks

Egg-O-Hatch is a dry powder. Mixed with water it makes a solution rich in loosely available oxygen and with a strong affinity for carbon dioxide. That is, when applied to eggs during incubation, it soaks into the shell and supplies oxygen for the growing chick; absorbs the carbonic acid gas given off; further, by its action on the animal

matter of the shell, it renders the shell more porous and brittle.

Up to the hatching point, a chick breathes through innumerable blood vessels located in the inner membrane just within the shell. Close the pores of the shell and the chick quickly dies. Partially close them and the chick is weakened just the same as if partially strangled. If, at the same time, the shell is drying out and becoming harder, tougher and non-porous, a point is reached where the chick is too weak to break out of the tough shell.

**The margin between strength of chick and strength of shell is small at the best and good hatches can result only when this margin is kept as large as possible**

Egg-O-Hatch is easily and quickly applied to eggs by spraying or dipping. It is used only three times during the 21 days. Our later experimental hatches have invariably shown from 10 to 40 per cent better hatches where Egg-O-Hatch was used, and all were better, stronger chicks. Fifty test hatches showed an average of 96 per cent for eggs treated with Egg-O-Hatch, and 81 per cent for eggs not treated, **RIGHT IN THE SAME MACHINE.** Egg-O-Hatch is easily proven. Use it on half the eggs in an incubator. **ONE SIZE ONLY, 50 cents postpaid, or at dealers. Sufficient for 600 to 700 eggs. Sample 10 cents. Enough for 50 to 100 eggs. Our No. 19 Atomizer, all glass and rubber, is handiest and best way to apply Egg-O-Hatch. PRICE 75 CENTS.**

To rid chickens and their roosting places of lice and mites, paint or spray **Lee's Lice Killer** on the roosts. Kills lice on bodies of poultry roosting over it; also insects causing "scaly leg." No handling, dusting, dipping or greasing. \$1.25 gallon, express prepaid; \$1 at dealers.

**Germozone**, given in drinking water, purifies the water and vessels, prevents spread of disease, counteracts musty or spoiled food, prevents and relieves bowel troubles. Is effective remedy for roup, colds, swelled head, canker and skin disease. Liquid form, 12 oz., 50c; tablet form, 50c postpaid.

**Egg-o-latam**, for preserving eggs, 50-dozen size, 50 cents postpaid. **Lee's Egg Maker**, five sizes, 25c, 50c, \$1.25, \$2.50 and \$8. **Lee's Louse Powder**, two sizes, 25c, 50c—1½ and 3-lb. sizes. **Mandy Lee Incubators**, 60 to 300-egg. Brooders, 5 kinds. Send for catalog, poultry books and delivery terms.

**GEO. H. LEE CO., 308 Lee Building, Omaha, Neb.**

The Lee Line standard for 20 years.





By JOHN H. ROBINSON, Special Contributor

It happened that I read a notice of the death of H. N. Rollins just after I had been reading an article in a poultry paper discussing the possibility of producing superior Barred Rocks of both sexes, from the same mating. Thinking of Mr. Rollins' success with Light Brahmas, and later with White Wyandottes, and recalling one of his maxims in breeding as he gave it to me many years ago, it came to my mind, "If Herb Rollins had happened to take up the Barred Rocks instead of Light Brahmas when he began breeding, would he have applied that maxim, and if so, with what results?"

It was one stormy winter afternoon about twelve or fourteen years ago that we were in one of his poultry houses looking over the Light Brahmas he had just mated up for the breeding season. Something had been said of certain breeders whose females showed up pretty well, but they never seemed to be able to get males of as good quality.

"The trouble is," said Mr. Rollins, "that they are going the wrong way round. Whatever I breed for, I want to establish it first in my males, and then keep hammering away until I get it in the females of the same line. You can always get it if you keep after it long enough, and when you get it that way you can hold it better."

Whether he would have applied that principle in breeding Barred Rocks, had he been working with that variety, is a little doubtful, for the conditions confronting the breeder are quite different; but I am inclined to think that—while he might work along the usual lines in his regular matings—he would system-

atically have made experimental matings with the object of securing a satisfactory type of exhibition female of the same breeding as the exhibition male. How far he would have succeeded no one can say. He himself would have been the last man to make any positive predictions in such a case.

—o—

A long name is commonly considered objectionable—something to be abbreviated whenever possible, and apologized for at more or less regular intervals, according to the circumstances provoking comment. Yet in the matter of names of organizations it seems to me that the name ought to be as long as necessary to adequately describe the association. What I have in mind just now is the "Poultry Fanciers' Club," organized by D. L. Orr *et al* at Cleveland last summer. The question of the adequacy and appropriateness of its name is brought up by Mr. Orr's answer in December R. P. J. to the question "What is a fancier?" He quotes a definition from Webster's Dictionary, and says: "This, it seems to me, is quite sufficient and should put an end to the question, 'What is a fancier?'"

It would be nice if we could settle all points in dispute by appealing to the dictionary, but in many cases—as in this—the appeal to the dictionary only raises more questions. The definitions which Mr. Orr quotes are: "—One who fancies or imagines. 2—One who fancies particular objects, hence one who breeds or sells birds or other animals."

That is a very comprehensive definition in some ways, very inadequate in others. It is concise in form, but far

from specific in expression. It would take in the whole range of hucksters from those who sell high-class stock to the dealers in feathered junk that infest the vicinity of large cities, and live by selling through the newspapers the last residues of stocks of poultry having the name and some resemblance to some Standard breed. While broad enough in that sense, it would fail to include those with an interest in birds or animals who neither breed nor sell. This would leave out some very popular judges of poultry, and perhaps a few poultry journalists.

As to the Poultry Fanciers' Club, I had the impression that this was to be a very select organization. If my memory is not at fault, it was to be limited both in numbers and by the nature and age of the interest in poultry of the individuals composing it. Hence it seems to me that the name should fully indicate the nature and scope of the club.

Clubs and associations are not only things that for brevity, or perhaps in thoughtlessness, are given insufficient names. There is the "Standard of Perfection." This happens to be better described by the abbreviation, "the Standard," but that too is sufficient only when the context or circumstances supply the full meaning. A suitable title for the book would be "American Poultry Association Standards."

—o—

Mr. Frank L. Platt, of whose appointment to edit the Plymouth Rock and Wyandotte breed books I learned a short time before beginning to write these notes, has my congratulations and my sympathy. Mr. Platt has done consistently good work in poultry journalism for quite a long time now, and in it has shown capacity for development and the qualities which are necessary in the production of good books. His appointment is therefore recognition of merit which is as pleasing to his friends as to himself, and for that congratulations are in order. On the other hand, Mr. Platt is embarking upon the sea of book work under the least satisfactory conditions that can be conceived, at least

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Simply get a pair, a trio, a breeding pen of these powerful, line-bred, pedigreed Aristocrats, **MATED UP BY HOLTERMAN HIMSELF.** These will do it. Many a successful breeder in America is now producing these show birds from just such breeding birds direct from my yards. Write me fully—at once—and let me advise with you as to the very best thing to do in your particular case.

EGGS from which such truly sensational show birds will again be produced this year: \$10.00 per 15; \$25.00 for 50; \$50.00. for 100. GRAND BEAUTIFUL CATALOGUE FREE.

Remember, *I am furnishing the breeders that are producing those powerful winners in many of the World's foremost shows.*

W. D. HOLTERMAN, Fancier,

Box H,

FORT WAYNE, INDIANA, U. S. A.



from an editor and author's viewpoint. I do not say this by way of discouraging him. He is not the kind that would be discouraged by difficulties, of whatever character. He will take his work as it comes and give it his best. But it is due to him or to anyone else who would take hold of the work at such a stage and in such a condition as it was in when he was appointed, that the interested public should know that the man who does good work under the conditions that exist without running the cost to an extravagant figure, will take more out of his own hide than the amount appropriated at the last meeting to finish the manuscript and illustrations for the two books.

—o—

I am surprised that J. H. Drevenstedt, who objects so continuously to the measures of the American Poultry Association to help the shows to get satisfactory judges, should be advocating "that the A. P. A. should exercise a closer supervision of all shows held under its rules."

By what course of unreasoning a man can persuade himself that the one form of supervision is unnecessary and "un-American," and the other necessary and admirable, I cannot conceive. Mr. Drevenstedt would have the secretary of the A. P. A. "attend and inspect exhibitions." If this would not imply also that the secretary would supervise matters related to the judging, what are the limits? It would be something of a chore for the secretary to do very much in the way of attending shows in a supervisory capacity. Take the week of the Boston Show as an example. The list of shows I have before me gives for that week two shows in Colorado, eight in Illinois, five in Indiana, two in Iowa, one in Kentucky, one in Michigan, two in Missouri, two in New York, seven in Ohio, one in Oklahoma, three in Pennsylvania, one in South Dakota, one in Virginia, three in Wisconsin; in all thirty nine. Even with an assistant to divide the work with him, the secretary would have a strenuous time to just "look in" on each show, to say nothing of doing more.

—o—

By the time these notes are in print substantial progress may have been made toward peace in Europe. Let us hope so. Economists of equally high standing appear to hold diametrically opposite views of what will happen in this country after the war is over and the world gets back to its peace foundations. One who is not an economic expert can find expert authority for almost any idea of what is coming if he wishes to. So in this instance high and low seem to reach a level.

English writers on poultry agree that as a result of war-time experience the English people have greatly changed their ideas of and attitude toward many things. The editor of Poultry said some time ago that the nation had become more practical minded. As applied to poultry, this was shown in the near collapse of "the fancy" in England, while practical poultry culture for the first time has taken rank in public consideration as a national industry.

So radical has been the change in this respect that many of those most inter-

ested in the fancy appear to feel that unless fanciers take some definite and formal measures to preserve it as a part of a new poultry culture, the fancy will be completely submerged by utility interests. Just what the situation is over there is not clear to me from the statements I have read concerning it. Almost always they require for a full understanding, knowledge of things that are discussed in the papers with more reservation than is conducive to a clear understanding of their meaning. It is quite plain however, that some of those most interested in the fancy fear that unless it specifically adjusts itself to a new order of things, that the interest in poultry of which it has been the expression will be lost, and fanciers as a class will be without prestige, though they may maintain their ideals for their own gratification.

—o—

One English writer, who a few years ago was most outspoken in his opposition, and even derision, of the idea of international standards which was discussed to some extent on both sides of the ocean, and who then maintained that English fanciers would never yield those extreme ideals which he seemed to regard as the mark of their superiority, has now turned right about face and is pleading with them to modify their ideals and their standards to accord more with more utilitarian conceptions of fitness and beauty.

This indicates a strong approach to the point of view characteristic of the mass of those people interested in Standard-bred poultry in America. If that attitude prevails to any extent in England, the greatest obstacle to international standards should soon disappear.

Why should we have international standards?

It has always seemed to me that their desirability was too plain to require argument. The possibility of securing them is, of course, another matter, depending largely upon the interests involved. A change in a standard, or even in the style or preferred type of birds without specific change in the standard always injures someone by making his birds less desirable. It may help others if they have the kind of birds demanded. It may help a breed or variety, if there are enough of the new style to create a demand for more. But the worst thing that can happen to a breed is to make a standard for it under which standard birds of quality will be extremely rare.

To get back to the subject, I would like to see someone who considers it better not to have uniform standards for the same breeds and varieties wherever bred, give a complete statement of the reasons for his position.

—o—

All this talk of the imperative need of reorganizing the American Poultry Association reminds me of some poultry

## MACK'S S. C. Rhode Island Reds OWEN FARMS' STRAIN

We entered three cockerels at the last Garden Show and won third. Judge Mapes said if there had been two more honors he would have placed our other two cockerels 6th and 7th. This speaks well for the good quality of our birds.

Stock and eggs from fine matings  
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Arlington, Dutchess Co., N. Y.



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plants which I have known, which had to be remodeled throughout every time a new man was employed. I remember one plant that flourished for the better part of a decade, about 1895 to 1905, which between remodelings to suit the constantly changing foremen and remodelings to conform to the latest fad of the owner, was always undergoing reconstruction in some feature.

#### "ALL ABOUT EGGS"

That is the comprehensive title of a little booklet issued by the Geo. H. Lee Co., 308 Lee Bldg., Omaha, Neb. Better look up their interesting ad in this issue, page 198, and note that you can get a copy of this little booklet, also their catalogue and other printed matter free for the asking. We would

appreciate it if you will mention A. P. W. when writing them.

Mr. Lee for years has devoted himself to what we might call the material branch of the poultry business—the providing of incubators, brooders and poultry supplies of different kinds. In this issue he is advertising particularly his Egg-O-Hatch, a preparation which is to be applied to the eggs during incubation for the purpose of rendering the shell more porous and brittle. Note also what he has to say about Lee's Lice Killer, Germozone, Egg-O-Latum, Egg Maker, Mandy Lee Incubators, etc. He tells about some of these in the little booklet referred to above, but he also tells a good many things about eggs that are interesting. Before you forget it, send a post card with your name

and address to Geo. H. Lee Co., 308 Lee Bldg., Omaha, Neb.

Attention is called to the ad of M. W. Potter, Leeds, Mass. Mr. Potter has made it a practice to breed for the production of big, white eggs—and lots of them. He does not keep a hen on his place that does not have a record of 200 eggs or over and some of his breeders have records as high as 255. He has an incubator capacity of 2,500 eggs and as soon as the chicks are large enough to leave the brooder they are put out on his 200-acre farm in the Berkshires, thus insuring large, vigorous birds. If you want some heavy-laying S. C. White Leghorns, see his ad in this issue and write him for any further information, kindly mentioning A. P. W. when doing so. Address M. W. Potter, Leeds, Mass.

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**In Brooders and Hovers** there isn't a requirement that we cannot meet better than anyone else, whether it is a low-cost, lamp-heated brooder or the biggest of hot-water brooding outfits.

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It's a true, sure guide in modern, labor-saving methods. You ought to read it before you spend another cent in the poultry business. Send for it today—a post card will do.

## Cyphers Incubator Company

Dept. 31

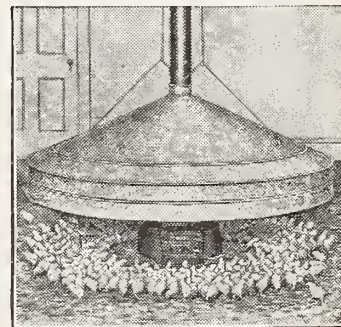
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Broods 300 to 1000 chicks at one time. Has automatic regulator and plenty of heat, *no crowding*. Raises strong, vigorous chicks, uses little fuel, and is simple and easy to operate. Fully described in our FREE Year Book. Write for it and get full details of Cyphers wonderful hovers, the best brooding devices you can buy anywhere at any price.



## EDUCATIONAL WORK AND THE POULTRY BUSINESS

By Homer W. Jackson, Special Contributor

(Continued from page 168)

try has gone to the dogs furnished me an incentive for seeking some up-to-date information along this line—a step which had already been under consideration for some time.

I was not expecting that much could be obtained in the way of definite statistics, but it seemed reasonable to conclude that those who are most closely in touch with the industry, especially the commercial end, would have means of forming a reasonably accurate estimate as to the general trend of production, whether up or down.

It would appear that, from the following sources, definite and reasonably accurate information as to the present condition of the industry might be expected:

United States Government.

State college and extension workers.

Commission houses, handling eggs and fowls.

Trade papers (market reports, etc.)

Farm papers.

It will be noted that poultry papers are not represented in this list. They are omitted for the reason that such papers are so closely associated with and so directly affected by the "fancy" end of the business (the depression in which is unquestioned) that a correct estimate of general conditions could not reasonably be expected.

Lists of questions were prepared and forwarded late in October and early in November to individuals or firms engaged in these lines of work in practically all sections of the country. I met with helpful co-operation in all directions. To give here a complete report of the replies received is, of course, out of the question, but the following data and summaries accurately represent the nature of the replies received and, taken together, I believe are entitled to acceptance as indicating the general trend of the industry during the past two years.

The Year Book of the Department of Agriculture for 1915 gives the following figures as showing the total receipts of eggs at the seven leading markets of the country (Boston, Chicago, Cincinnati, Milwaukee, New York, Saint Louis and San Francisco) as follows:

Year	Total Egg Receipts Cases
1912 .....	13,696,401
1913 .....	13,604,385
1914 .....	13,150,018
1915 .....	14,327,182

This report, partial, of course, but certainly entitled to serious consideration, clearly indicates that total receipts of eggs (and, by inference, egg production) were greater during 1915 than in any previous year.

In addition to these general figures, I have received the following estimates of production in different states:

The official estimated value for poultry products marketed in Kansas during the year, 1911-1912 (March to March) amounted to \$10,000,000 in round numbers; for 1915-1916, the value was \$12,400,000.

The Bureau of Statistics of Indiana estimate the value of poultry and eggs sold in that state during 1915 at \$19,500,000, in round numbers, as compared with \$17,200,000 in 1912.

The Iowa State Board of Agriculture estimates the value of poultry products in 1915 at \$50,000,000 as against \$30,000,000 in 1912.

The estimate of the Nebraska Board of Agriculture is that there were 13,600,000 fowls on Nebraska farms in 1915 as compared with 6,700,000 in 1914.

In Missouri the official figures on poultry production for the state are \$59,000,000 in 1915, as against \$49,500,000 in 1913.

From the Dominion Department of Agriculture comes the statement that, whereas the exports of eggs from Canada in 1913 had a value of only \$35,500, this value in 1916 is estimated at \$2,273,000. And coupled with these figures is the statement that the per capita consumption of eggs in Canada for the present year shows a great increase over any former period.

### What Educational Workers Think About It

To the heads of poultry departments of agricultural colleges and experiment stations was sent a list of questions covering the following points, as applied to their own states or provinces:

1. Has there been a falling off in poultry and egg production during the past two years?
2. Are there fewer "fancy" and backyard flocks than in 1903?
3. Have commercial poultry plants or farms decreased during the past two years?
4. Has the average size of farm flocks decreased in the past two years?

5. Have poultry keepers found the work as profitable, on the average, as before the war?

These men are in constant correspondence with poultry growers and are traveling more or less over their territory all the time, and while I would not undertake to say that they are entirely impartial, they certainly should be cognizant of any clearly definite trend, either way.

Thirty-two replies were received to this list of questions, representing as many colleges, stations or extension departments. On the question as to the general trend of the industry, two workers report production decreased and thirty no change or an increase.

With reference to the back-yard and fancy flocks, two report a decrease, while twenty-eight report the number unchanged, or increased; two are uncertain. With reference to farm flocks, two report a decrease, twenty-three report no change or an increase; seven are uncertain.

With reference to profit in poultry operation, six report a decrease (resulting from high cost of grain), twenty-four report the business as profitable as before, or more so; two are uncertain.

These figures show that, in the opinion of educational workers, poultry production is in advance of two years ago. The figures show an almost unanimous agreement on this point. One feature worth noting in this connection is that where a falling off in production is mentioned, in practically every instance only a slight decrease is meant. On the other hand, more than half of those who report an increase speak of it as "large", "greatly increased", "increased twenty per cent.", "forty per cent.", and so on.

The rather large number (six) who report a low average of profit now, should

## COLUMBIAN WYANDOTTES — NEW YORK STATE CHAMPIONS

At Hagerstown, Md., October, 1916, I won 1st cock, 1st hen, 1st and 2nd cockerel 1st and 2nd pullet, 1st pen and all specials on seven entries. Can supply you with one bird or an entire string guaranteed to win at any show. Cockerels for sale bred from hens with records of 170 to 268 eggs per year. If you want breeders, state quality and type of bird desired. I will quote lowest possible price. If you want birds with marvelous lacing, beautiful green sheen contrasted with show white body surface, write me at once. I guarantee to please or return the full amount of money you sent to me.

LEVI A. AYRES,

Box B.

GRANVILLE, NEW YORK

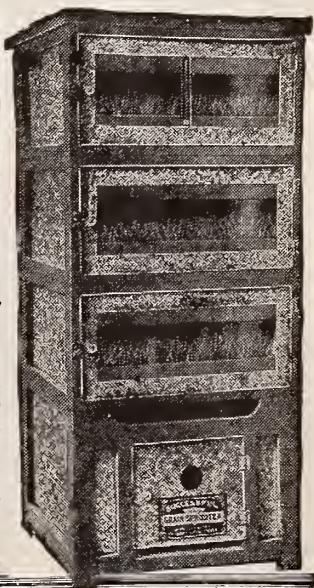
## Cut Feeding Costs One-Third

**Feed Sprouted Oats** Easily—quickly—cleanly—economically produced in "Successful" Sectional Metal Grain Sprouter. Get greater fertility in winter laid eggs—earlier chicks. Make three bushels of tempting egg-making feed from one bushel of oats, wheat or rye—increased the egg yield at least 50 per cent—and at same time save one-third feeding cost. Write for catalog and 1917 offer we make on the

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Made with double steel walls—metal trays—nothing in it to warp, shrink, swell or mold the food. Fireproof. Lasts a lifetime. Large glass doors. Made in sections so you can add more sections as your needs grow. There's a size for your needs whether you keep 50 or 600 hens. Thousands of poultry raisers say they would not be without this wonderful food maker. The newest, most reliable construction ever made in a grain sprouter. Not only turns idle hens into industrious layers but supplies feed for growing chicks—protects health—prevents chick loss. Booklet—"How to Raise 45 Out of 50 Chicks" 10 cents.

Write today for catalog and full details of 1917 offer  
DES MOINES INCUBATOR CO., 627 Third St., Des Moines, Iowa





be considered in the light of the apparent fact that the writers, in several instances, were reporting on profits at the immediate time of their reply rather than for the past two years.

#### Reports From Commission Dealers and Farm Papers

It is to be expected that some will decline to take the estimate of college workers at their face value, but it is a fact that their replies check up very closely with those received from commission dealers, who certainly are not prone to take a too optimistic view of the situation, especially in the fall when market stocks are at their lowest point for the year.

The list of questions addressed to commission dealers was limited to asking whether or not a falling off in poultry production had been observed during the past two years and whether the figures from the United States Department of Agriculture Year Book (previously quoted) correctly represented trade conditions generally. Fourteen replies were received from various parts of the country. Of these, nine reported no change or an increase, two reported a decrease, and three were contradictory—that is, they replied "yes" (or "no") to both questions.

From farm papers and commission houses taken together, there were received forty replies from twenty-three different states; six reported a falling off; thirty reported no falling off or an increase; four were contradictory or uncertain.

In analyzing the replies from poultry papers and commission merchants, it was quite apparent that the writers, in a number of instances, were basing their statements on conditions at the time of their reply. In other words, such replies reflect impressions of conditions at the season of lowest production and for that reason are not at all liable to be oversanguine.

#### Sample Reports From Commission Houses and Farm Papers

The following quotations are given simply to illustrate the general tenor of the replies received from these sources:

"In our opinion there has been no falling off in market poultry and egg production during the last few years." — Batchelder & Snyder Co., Boston.

"It doesn't seem to us that there has been any falling off in market poultry and egg production." — H. W. Collingwood, Editor, Rural New Yorker.

"The figures from the United States Year Book correspond closely with our observation. We are very sure there has been no falling off." — Urner-Barry Company, Publishers of New York Produce Review.

"In my opinion there has been no falling off in the production of market poultry and eggs during the past two years. I think, on the other hand, production has been steadily increasing." — The Field, New York City.

"It is our opinion that there has been no marked change in either direction in market poultry and egg production during the last two years." — American Agriculturist.

"No falling off in our section (southern New Jersey); if anything, there has

been an increase." — Farm Poultry (Michael K. Boyer.)

"Do not think there has been any falling off in production. However, consumption has been enormous which perhaps accounts for an apparent falling off." — George R. Whitney, Commission Merchant, Buffalo.

"In our opinion, production is fully as large as in former years." — D. Martin Company, Produce Commission, Cleveland.

"In Kentucky and southern states there has been an increase in production during the past two years." — Home and Farm, Louisville, Kentucky.

"In the south, our observation leads to the belief that egg and poultry production is fully as high; there has been more shipping of southern poultry to northern and eastern markets." — Progressive Farmer, Birmingham, Alabama.

"Farmers in the southwest have produced more eggs and poultry during recent years than usual." — Farm and Ranch, Dallas, Texas.

"The total market production of poultry and eggs in this state in 1916 is approximately fifty per cent. greater already (November 20th) than for the whole year of 1915. And 1915 was ahead of any previous year." — Oklahoma Farmer-Stockman, Oklahoma City.

#### The Educational Worker and the "Fancier"

These reports from persons, who certainly are in as good position as any to

estimate the general trend of production, would appear to establish as definitely as is possible without a complete census, the fact that the industry as a whole has increased rather than decreased — that the year 1915 has, in all probability, given the largest volume of production that this country has ever known. And if an alleged depression in the industry could fairly be charged to the account of our educational workers, should not the increase in production and in interest in the industry which actually exists, be credited to the same agency?

There are some phases of Mr. Robinson's criticism of educational workers, that do not bear on the general condition of the industry, but apply directly to the "fancy". I believe American Poultry World readers will be glad to have the "other side" on these questions, too. And, emphatically, there is another side. This will be taken up in next month's issue.

(To be Continued.)

#### THE R. C. WHITE LEGHORN CLUB

The National Rose Comb White Leghorn Club in its present form was organized in 1907 by the consolidation of a former club of that name and the American R. C. White Leghorn Club. The members of the club believe in the R. C. White Leghorns and have been improving them year by year, both in beauty and egg production. Any reputable person engaged in breeding this variety is invited to join the club and help to popularize their favorite birds with the public. Their Spring Bulletin will be issued March first and those who desire to join should do so immediately in order to have their names listed. For further particulars, address the secretary-treasurer, J. M. Chase, Wallkill, N. Y.

## VICTORY 1733 RANCH VICTORY

### Kellerstrass Crystal W. Orpingtons

### AND

### Firestone R. C. and S. C. Reds

Make Record at the Nebraska State Show, 1917, in the hottest competition ever staged.



**WHITE ORPINGTONS:** 2-4 pen, 4-5 cock, 5 hen, 4 cockerel, 4 pullet.

**R. C. REDS:** 1 pen hens, 1 cock, 3 hen, 1 cockerel.

**S. C. REDS:** 1 pen hens, 2 cock, 2-4 hen, 1-2 cockerel.

**WHITE LEGHORNS:** 1-2-4 pen, 1 cock.

**Many Firsts on Waterfowl and Turkeys.**

**Every bird shown placed.**

**No Wyandottes and Rocks shown.**

263 Eggs in 272 Days

Kellerstrass New Poultry Book, - - \$1.00

At Madison Square Garden, Chicago, Panama-Pacific Exposition, Omaha, and Utah, Wyoming, Colorado State Fairs our birds were consistent winners making a National reputation at these large exhibitions.

**Thousands of Show Birds and Breeders Now Ready for Your Orders.**

Pens now mated for EGG TRADE. They are "ALL STAR" matings in every respect.

**SEND FOR CATALOG AND MATING LIST.**

*We Also Breed Fine Airedale Dogs.*

**1733 RANCH** R. 6, Box 9, Kearney, Nebraska  
J. F. SWAN, Superintendent.



## MADISON SQUARE GARDEN POULTRY SHOW

By George W. Tracy, Field Representative

(Continued on page 170)

lano considered it a better advertisement for them than their own first cockerel, as it clearly proves the truth of their advertisements, i. e. that purchasers of Owen Farms' eggs for hatching stand a good chance of producing the best birds of the season, for they send out the best eggs from the best pens—from the same pens that they hatch from themselves.

There are other instances of like character that we are not at liberty to mention, but the owners of these birds are pleased to let the poultry world know of their success in dealing with Owen Farms. Let us mention here that Owen Farms already have pens mated and those wishing to raise early prize winners would do well to communicate with them.

Judge Bonfoey said that he had been showing and judging for many years at the Garden and in his opinion it was the best show of White Rocks he had ever seen. Wilburtha Poultry Farms, 32 River Road, Trenton Junction, N. J., won third on a fine cockerel while H. W. Halbach, of Waterford, Wis., Box 5-H, won fourth on his "Masterpiece", an extra good yearling, and another Halbach bird captured fifth. These two exhibits and Owen Farms' fine display attracted a great deal of attention. No doubt the White Rocks of these three breeders shown at Madison Square Garden will result in thousands of dollars worth of orders for eggs for hatching, also in the sale of many birds for breeding purposes while their exhibition birds will be in high favor for the season of 1917-18.

The classes in Partridge Rocks were small but some fair birds were entered. Although they did not show, Bird Bros., Box 14, Meyersdale, Pa., were present one day at the Garden this year. They have reached the top of the ladder with their Partridge Rocks and Bronze Turkeys, winning over competitors whenever they exhibit their birds. They reported having 500 splendid birds to sell.

The Buff Rocks were by far the best class of this variety ever shown. They were pleasing to the eye and the exhibitors may well be proud of the progress they are making with this variety.

An unfortunate incident in connection with this class as well as with some others, was the fact that the entire entry of Mr. C. R. Baker, Box W, Abilene, Kan., did not arrive until long after the judging was over. There was not only the trouble of getting the string together for shipment to the show, but also the wear and tear of the long journey for the birds to endure—and then not to arrive in time for judging—really "it is enough to make a saint swear." But Mr. Baker's labors were not wholly in vain. His birds, owing to their fine type and beautiful, even Buff color, made a great impression upon the visitors in Buff Rock alley, and we believe that had they arrived in time, some of the ribbons would have been hung on Mr. Baker's cages. He won first cockerel at the last Palace Show with a beautiful bird.

Mr. J. H. Vincent, Box W, Hazleton, Pa., entered a good string and his winning cockerel was much admired.

The Columbian Rocks were also the best class of this variety yet shown. Wilburtha Poultry Farms, 32 River Road, Trenton Junction, N. J., won 1, 2 cocks; 4, 5 hens; 1 cockerel; 3, 4 pullets and 1 pen.

Mr. T. J. Enslin, Hackettstown, N. J., won a place with a very nice cockerel. Mr. Enslin has Columbian Rocks of good quality that have made a great record at the laying contests.

Mr. Geo. F. Leach of Cornwall, N. Y., won two ribbons on a fine cock and pullet. Mr. Leach also breeds good Buff Cochins bantams and was a winner in these classes. He is one of the prominent members of the Cornwall Poultry Association which, by promoting an annual poultry show, has done much for the poultry interests of that section of the state.

### The Rhode Island Reds

The Single Comb Rhode Island Reds were next to command our attention and I am frank to say that I hesitate to express my opinion. Some of our readers will recall that the honor of judging this class fell to me last year and they may feel that I would be unduly critical with someone else judging them. However, my impression of the classes will be given on strictly impersonal grounds without fear or favor.

The Red classes, both Rose and Single Comb, were judged by Mr. H. L. Mapes,

proprietor of Orchard Farm, Darien, Conn., and it is our opinion, based on years of acquaintance that he is fit to judge "these kings of the land." No one would question his motive in placing an award and it is a great compliment to the show, large as it was, that Mr. Mapes could be induced to "don the duster." Taking everything into consideration he did a mighty good job.

There is no one who could have judged the Red classes here in less time than did Mr. Mapes, but because of the large entries in both S. C. and R. C. classes, he was unable to complete his judging before Saturday night, which meant a loss of much valuable time to the exhibitors. It is our belief that there should be a judge each for the Rose Comb and Single Comb classes. No exhibitor of a large string wishes to place a price on his birds before the awards are placed, and the time of the prospective purchaser at the show is, as a rule, limited, therefore a delay in the placing of the awards is most distressing, as was the case with Mr. Lester Tompkins.

All through the show, previous to the judging of Lester Tompkins' pen of S. C. Reds, this pen was looked upon as a sure first or second, in fact Mr. Mapes stated that they would have won easy second, at least. But, one half hour before Mr. Mapes came to pass on these birds one of the pullets sustained an injury and the pen was thrown out. Witnesses aver that thirty minutes before this pen was judged, the pullets were up and moving around, which dispels any idea that Mr. Mapes or his assistant may have injured the pullet in handling. However, Mr. Tompkins took it philosophically and said, "If the pen had been judged the first day of the show, I would have had a first or second ribbon hanging on the coop which would be worth a good deal to me for advertising purposes."

In mentioning the S. C. classes, of course the question will again be asked, "How did they compare with last year's classes?" Generally speaking, they compared favorably, yet the two classes were very different. Last year there was one bird that looked like an easy winner though he was not placed. This year, in the cock classes two birds stood out prominently. Making exception to "Sensation" we would say that he was the best R. I. Red cock bird, either Rose or Single Comb, ever shown at the Madison Square Garden. In making this comparison we take into consideration the wonderful breeding qualities of "Sensation", a male that was to the Rhode Island Reds what Hambletonian 10" was to the trotting horses of America, and we feel that Mr. F. W. C. Army, who owned "Sensation" and who now owns and exhibited first prize S. C. cock, will forgive us if our sympathies lie with the dead hero. First cock was awarded both shape and color special, a great and signal honor.

The five winning cock birds in this class were ahead of the five winners last year. Second cock, owned and exhibited by Onaway Farm, Wrentham, Mass., was a marvelous Red having a dark, lustrous color and a fine colored breast. Third cock, owned and exhibited by Lester Tompkins, was a pretty close follower to 4th cock, which was owned and exhibited by John E. Hendrickson.

The hen class was not as good as that of last year though five grand birds had the ribbons on their coops and they deserved the honor. The best colored hen in the class—one of the best colored hens ever shown—was unplaced owing to her condition. She won first at the Palace this year and first as pullet at the Garden last year. Judge Mapes told us that he regarded her surface color even better as a hen than when she was a pullet.

The cockerel class was a good one and those who knew had no trouble in picking the winners. Judge Card picked four, one of which he felt sure would win first and he was right; Judge Pierson picked seven and all five winners were included; we selected seven, four of which were in the ribbons. Mr. Mapes sure knows good Reds. It was interesting to note how he agreed with the other judges and breeders.

An interesting discussion arose about what constitutes a point on a bird's comb. Mr. Lester Tompkins said that one of the winning birds had 12 points on his comb and Mr. Delano said that he had only 6 points but that each serration had 2 points. The question remained unsettled. We believe that most breeders would insist that a point is a point no matter where it is found.

Lester Tompkins' second cockerel, I believe, possessed the ideal shade of red, and the color was absolutely even, which is rarely found in birds having that shade of red. The reason that Mr. Card favors the dark birds is

## Howland's Buff Wyandottes

win Best Display, Palace Show, 1916. Also on one entry at Chicago Coliseum, won 2nd cockerel in class of 22.  
S. A. HOWLAND, Granville, N. Y.

## EGGS FROM BLUE RIBBON WINNERS

Columbian Plymouth Rocks \$3.00 per 13 and White Faverolles "Crystal Strain". None Better. A few choice cockerels for sale.

GEORGE F. LEACH, CORNWALL, N. Y.

## Natural Hen Incubator \$3



No freight to pay. Actual hen controls everything. No lamp, no costly mistakes. Best hatcher in the world. Over 750,000 in use.  
J. M. Peyle, Ill., writes: "It is the best thing I ever saw for hatching chicks."  
Another: "I got 607 chicks from 640 untested eggs." Thousands of other testimonials. Agents Wanted.  
To reach the million mark in 1916 we will send you a Special Introductory Offer with our Free Catalog.

Natural Hen Incubator Co., Sta. H, Dept. 28, Los Angeles, Cal.

## IDEALIZE YOUR FLOCK

## Wellcome's Famous 'Ideal' Trap Nest

shows which hen laid the egg, highest efficiency, least attention, lowest net cost. Write now for prices and proof.

F. O. Wellcome, Box W, Yarmouth, Maine

## UTILITY

## Barred Plymouth Rocks

We want you to have some of our Stock. Large and healthy. Raised on free range. Good layers of large brown eggs.

Agents for ZENOLEUM DISINFECTANT  
Write us for further particulars

## LINCOLN POULTRY FARM CO.,

R. H. GELLAND, Mgr.  
LINCOLN MAINE

## Wildwood Farms

## MOTTLED HOUDANS

## LAKENVELDERS

Won 15 Blue Ribbons, Specials and other Prizes at the last Madison Square Garden Show. We are the World's leaders in the above varieties. Choice stock always for sale. Eggs in season.

Send for catalogue.

## WILDWOOD FARMS

Ralph Greene, Proprietor  
Geo. C. Meir, Supt. Poultry  
SAYVILLE, Suffolk Co., L. I.

## The high cost of Winter Feed is a serious question with Poultrymen.

We know of several thousand Poultrymen who largely cut down their winter feed bill last year by raising root crops from our seed. A big farm is unnecessary—Many of our customers raised more than 500 pounds of roots for winter feeding on plots 50 x 100 feet.

## FEEDING MANGEL

Oz., 10c — ¼ lb., 20c — lb., 50c

For those interested in Poultry Feed Economy, we have published a Folder which we will gladly send on request. Use a postal card and SEND for it TODAY.

## GORDINIER,

Seed Importer, TROY, N. Y.



because of their evenness of color. He says that the lighter shade is nearer Standard and to be preferred if we could produce birds that would be of one even shade in all sections. This second cockerel was of Standard color and handled well. He had good legs,

There were eight Single Comb pens. Both first pen here and first pen at the Palace were exhibited by John B. Hendrickson, Ridge-wood, N. J. I believe that these two pens, each distinct from the other, are, decidedly the best two S. C. Red pens ever shown by one breeder during the same season. Mr. Hendrickson is joining the front ranks of S. C. R. I. Red breeders in the country and exhibitors have to take his birds into account for he is pretty sure to come to the front with a sensational string. His full winnings were 4 cock; 3, 5 hens; 3, 5 pullets; 1 pen.

Onaway Farm, Wrentham, Mass., with which I. W. Bean is now associated, showed a string of both Rose and Single Comb Reds. Their complete winnings were 2 cock; 1, 4 hens; 3 cockerel; 1 pullet; 2 pen and best display. This latter honor they won by a wide margin. On Rose Combs they won 3, 4 cocks; 1, 4 hens; 1, 5 cockerels; 1, 4 pullets, 1, 2 pens and best display—a truly remarkable win.

Lester Tompkins, Concord, Mass., entered high quality birds of both combs, and considering that he had furnished winners for almost every important show in the land, his winnings were satisfactory. He captured 3 cock; 2 cockerel; 2, 4 pullets; 3 pen in Single Combs. He entered only a few Rose Combs and won a place on pullet and, as we have noted, lost a sure second on his pen owing to an injury to one of the pullets only a few minutes before they were judged. His S. C. cockerel we regard as the best Single Comb male yet shown by him.

Red Feather Farm, Box 22, Tiverton Four Corners, R. I., sprung the sensation of the show in the first prize S. C. cock which won both shape and color special. Their other winnings were 2 hen; 5 pen Single Combs, and 5 hen, 3 pen Rose Combs. Mr. P. W. C. Almy, proprietor of Red Feather Farm, did a wise thing some years ago when he purchased the great bird, "Sensation." Since then he has furnished many phenomenal birds that have won many prizes and founded winning strains for his customers, in fact Mr. Almy stated that

he had sold so many high-class show birds that he came very near not showing at all. At the Providence Show, on Rose Combs he won 2, 3, 4 cocks; 1, 2, 4 cockerels; 1, 2, 3 hens; 1, 2, 3 pullets; 1 pen and best display for the ninth year in succession.

The real surprise of the Single Comb Red alley was the three splendid cockerels, raised and exhibited by the Hon. John E. Mack, Arlington, Dutchess Co., N. Y. At the Palace Show where Mr. Mack was attending the R. I. Red Club meeting, he told me that he had some good birds and before the judging was done here, I told him he had a good chance to get in the ribbons. He did—winning a good place on a splendid, fine shaped, even-colored bird. Judge Mapes told me that Mr. Mack's

## LIGHT BRAHMAS THE BEST BY TEST

Winners at leading shows. Write for prices, stating wants.

W. A. HENDRICKSON,  
Houston Ave., Mattapan, Milton, Mass



## BLACK SPANISH

All Firsts at Madison Square Garden, Chicago, Boston and the Panama-Pacific Exposition  
Eggs \$5.00 for 13; each additional 13, \$4.00. A few grand specimens for sale.

R. A. ROWAN  
200 Title Insurance Bldg;  
LOS ANGELES, CAL.

## Oat Sprouter \$2

For \$2.00 you can build the simplest, most efficient, easiest to operate and best oat-sprouter ever constructed. A boy can make one in an evening with no tools but saw and hammer. Thousands in successful operation. Plans with plain directions for building, 10c postpaid.

I. PUTNAM, Route 201 ELMIRA, N. Y.



## MASON'S MOVABLE POULTRY YARDS

All Steel. Comes Complete—Fence, Posts, Gate—Everything ready to put in place. Easy to put up and take down. Any size wanted. **SOLD ON A SIXTY DAYS FREE TRIAL.** The prettiest and most durable yard you can buy. Send for Catalog and Low, Direct Factory Prices. MASON POULTRY FENCE CO., Box 44 LEESBURG, O.

## R.C. LLENROC REDS S.C.

Our matings for 1917 are complete. We will not issue a Mating List this season. We have mated a few of the best birds we own and intend hatching heavily ourselves. Eggs from these exhibition matings, a matter of correspondence.

### Stock we have to offer during February

Single Comb Matings	Rose Comb Matings
2 cocks at \$10 each	1 cock at \$10
10 hens at \$5 each	3 cockerels at \$5
20 cockerels at \$5 each	1 trio at \$15
10 cockerels at \$10 each	1 trio at \$25

A few very good exhibition cockerels at \$25 each.

## HOUCK & ALT, Buffalo, N. Y.

John E. Houck, Henry W. Alt,  
Black Creek, Ont 87 Fuller St., Buffalo, N. Y.

## Three Times Championship

in one season, is the record made by Heasley's Officially Certified, Egg-Bred Winners in S. C. Buff Leghorns.

At Chicago Coliseum, Dec., 1916, we won Championship by three times as many points as all thirteen competitors combined. Read this again.

At National Club Meet, 1917, Championship by more than twice as many points—every prize on cockerels.

At State A. P. A. Show, Battle Creek, Dec., 1916, Championship by four times as many points—Mediterranean special.

Highest egg record in this breed in any contest for third successive year. Forty per cent. of contest pen crossed 200 mark in 11 months. Private records 211 to 274. Bred for eggs, but fit to show.

Cockerels and breeders now. Booking orders for baby chicks and eggs.

L. E. HEASLEY,

Box P-W, Holland, Mich.



FIRST COCK, MADISON SQUARE GARDEN  
NEW YORK, DEC. 31, 1915 to JAN. 5, 1916  
AGAIN FIRST, DEC. 29, 1916 to JAN. 3, 1917  
BRED & OWNED BY E. B. THOMPSON, AMENIA, N.Y.

Mr. Thompson's Imperial "Ringlet" Barred Plymouth Rocks again have proved their superior quality by taking the lead over all competitors in all the classes at the recent Madison Square Garden Show where the Barred Rocks were judged by Newton Cosh. The distinctly superior qualities of the "Ringlet Strain" are so apparent to the experts of today that I heard these birds referred to as "the new kind," but we must remember that M. Thompson has been some thirty years making this new quality of "Ringlet" Barred Rocks. This splendid old cock, now in his third year, won first honors at the Garden Show last winter as well as at the recent and most important Barred Plymouth Rock show, and when I handled him to pose him so that the readers of A. P. W., who appreciate the great quality of the Plymouth Rock, might compare this present portrait with the one made when he won last year, I found him heavier and more fully developed, more muscular and showing greater vitality. He will head one of Mr. Thompson's breeding pens this season and he is considered by experts to be the greatest Barred Plymouth Rock that has ever lived. With competition open to the world, where the leading judges officiate and where the opinion of the best critics is given consideration, Mr. Thompson's birds won 1, 2, 3, 5 cocks; 1, 2, 3, 5 hens; 1, 2, 3, 4, 5 cockerels; 1, 2, 4 pullets; 1, 2, 3, 4, 5 pens.—F. L. Sewell.

well set apart, red eyes, fine comb and head, and we were surprised that he did not land a first prize, though first was undoubtedly a great bird.

Third cockerel, belonging to Onaway Farm, Wrentham, Mass., showed great length of body which he carried horizontally, and he had brilliant, even surface-color and rich, bright under-color but lacked a little in development of hackle. Altogether the first five cockerels were ahead of the first five cockerels last year.

The pullet class was better than last year's pullet class so far as condition is concerned. Last year's pullets, as a rule, had "gone by" a bit. This year's class contained some "crackerjacks" and the ribbon winners fully deserved the honors awarded them.



other cockerels were the last to be dropped. Mr Mack has been district attorney in Dutchess County, New York, and at present is a member of the Democratic State Committee. He is breeding Owen Farms' strain of Reds and we expect to hear further from his birds.

Mr. John H. Moffett, Lynch, Md., a leading southern breeder of S. C. R. I. Reds, spent several days at the show. He is a poultry judge of good repute and has been successful as a breeder and exhibitor, surprising them all at Philadelphia where his first prize cock bird was the "gem" of the show. Mr. Moffett enjoyed his visit and promised that he would be back next year with a string of his birds.

Perhaps some of our readers do not know that Judge Mapes is proprietor of Orchard Farm, Darien, Conn., and that he has been a leading breeder of Reds for years. During the last few years he has been showing his birds under the name of Orchard Farm, and I might mention that the Orchard Farm's strain, either Rose Comb or Single Comb, is always to be dreaded by competitors. Two years ago they won best display of the classes, winning first pen and first pullet with phenomenal birds. We wish to congratulate Mr. Mapes upon his fine work in the Red classes at this, the greatest of America's shows.

Mr. W. C. MacBrair of Essex Falls, N. J., was also a visitor for two days at the Garden. He is a breeder of Rose Comb Reds and has been a successful exhibitor at New Jersey's leading shows. His foundation stock was of the Bean strain and he has named his the "Red Essex Strain." We had a very pleasant talk with him and found him well posted on the fine points of successful Rhode Island Red breeding.

Mr. Wm. F. Fry, of the firm of Rau and Fry, Route G-1, Box 160-W, Indianapolis, Ind., attended the Garden Show. It will be remembered that Rau and Fry purchased the entire flock of S. C. R. I. Reds, bred and owned by Ben Scranton of Rising Sun, Ind., including the great string that Mr. Scranton showed at the Garden last season with which he made a winning that is still fresh in the minds of Red breeders from coast to coast. We enjoyed meeting Mr. Fry, and were glad to learn from him that the first prize cockerel and champion bird of the 1915 Garden Show, had developed into a wonderful cock bird. He was on exhibition at the recent Chicago Show and experts agreed that he was the best S. C. Red there. We were not surprised because we considered him one of the best R. I. Reds we ever handled.

The Rose Comb classes were strong and in most instances the competition was good, the winner not being apparent at first glance. The first cock was a wonder and the second pressed in close for the honor. First hen also was a wonder for color. She was the pullet that caused a sensation at last year's show when she was exhibited by I. W. Bean, now of Onaway Farm.

There were seven pens in this class, and the pen entered by 1733 Ranch, Route 6, Box 9, Kearney, Neb., did not arrive at all, in fact, this farm entered two cocks, two hens, two cockerels and one pen and only one cock and one hen arrived. The manager of the farm received the astonishing news that the missing birds had reached Omaha, Neb., having in some unaccountable way been shipped back from New York without instructions. It was unfortunate, as we were assured that the birds were excellent ones. They won 2 cock and 2 hen on the birds that did arrive, the hen winning special for the best shaped female in the class. This Ranch breeds R. C. R. I. Whites and won first on cock, hen and cockerel and 2 pullet in the "any other variety" class which was some victory for the R. I. Whites!

On this ranch are bred S. C. Reds, White and Buff Orpingtons, Barred and White Rocks, White Wyandottes, S. C. R. I. Reds and S. C. White Leghorns, and their exhibits have attracted marked attention at the leading western shows. To win two seconds with only two birds in competition with the best Rose Combs of the east speaks very well for the quality of Reds raised out west.

Both the cockerel and the pullet classes were "hummers!" Pincroft Farm, Geo. W. Furgeson, manager, Lenox, Mass., won on six entries: 2, 3 pullets; 2, 4 cockerels, which was doing mighty well in the R. C. Red classes. Pincroft farm is an old exhibitor and winner at the Garden but this is their first showing in five or six years, and they "came back" with a vengeance. Any farm that can show two such females as their second and third pullets is worthy of mention. Pincroft Farm is an advertiser in A. P. W. and we have no hesitation in recommending them to our readers.

Harold Tompkins, Concord, Mass., was a visitor for a day. He is still smiling over his big Rose Comb winning at the Palace where he captured the eastern trophy cup for the best display of R. I. Reds, both Rose and Single Comb competing.

#### Winnings of the A. P. W. Advertisers

**BARRED PLYMOUTH ROCKS** — E. B. Thompson, Lock Box 330, Amenia, N. Y., 2, 3, 5 cocks; 1, 2, 3 hens; 1, 2, 3, 4, 5 cockerels; 1, 3, 4 pullets; 1, 2, 3, 4, 5 pens.

**WHITE PLYMOUTH ROCKS** — Owen Farms, 115 William St., Vineyard Haven, Mass., 1, 2 cocks; 5 hen; 1, 3, 4 cockerels; 1, 2, 4 pullets; 1, 2, 3 pens. H. W. Halbach, Box 5-H, Watford, Wis., 4, 5 cocks; 4 hen; 5 cockerel. Wilburtha Poultry Farm, 32 River Road, Trenton Junction, N. J., 3 cock; 2 hen; 3, 5 pullets; 4, 5 pens.

**BUFF PLYMOUTH ROCKS** — James H. Vincent, Box W, Hazelton, Pa., 5 cockerel.

**COLUMBIAN PLYMOUTH ROCKS** — Wilburtha Poultry Farm, 1, 2 cocks; 4, 5 hen; 1 cockerel; 3, 4 pullets. T. J. Enslin, Hacketts-town, N. J., 5 cock; 5 cockerel. Geo. F. Leach, Cornwall, Orange Co, N. Y., 4 cock; 5 pullet.

**SILVER LACED WYANDOTTE** — J. Frank Van Alstyne, R. F. D., Castleton, N. Y., 1 pullet; 1 pen.

**WHITE WYANDOTTE** — J. W. Andrews, Box W, Dighton, Mass., 5 cock; 1 hen; 4, 5 cockerel; 2, 3 pen.

**BUFF WYANDOTTE** — Dr. N. W. Sanborn, Holden, Mass., 1 cock; 3 hen; 1 cockerel; 3 pullet; 1 pen. S. A. Howland, Granville, N. Y., 3 cock; 5 hen; 4 cockerel.

**PARTRIDGE WYANDOTTE** — Sheffield Farm, Glendale, Ohio, 2, 4, 5 cock; 1, 2, 5 hen; 1, 2, 3, 4 cockerel; 1, 4, 5 pullets; 1 pen.

**COLUMBIAN WYANDOTTE** — Wilburtha Poultry Farms, 1, 2 cocks; 1 hen; 1, 3 cockerel; 4 pullet; 1 pen. Levi A. Ayres, Box B, Granville, N. Y., 2 hen; 5 cockerel; 1 pullet; 2 pen.

**S. C. RHODE ISLAND REDS** — Lester Tompkins, Concord, Mass., 3 cock; 2 cockerel; 2, 4 pullets; 3 pen. Onaway Farm, Wrentham, Mass., 2 cock; 1, 4 hens; 3 cockerel; 1 pullet; 2 pen. John B. Hendrickson, Ridgewood, N. J., 4 cock; 3, 5 hens; 3, 5 pullets; 1 pen. Red Feather Farm, 32 River Road, Tiverton Four Corners, R. I., 1 cock; 2 hen; 5 pen.

**R. C. RHODE ISLAND REDS** — Onaway Farm, 3, 4 cocks; 1, 4 hens; 1, 5 cockerels; 1, 4 pullets; 1, 2 pens. 1733 Ranch, Route 6, Box 9, Kearney, Neb., 2 cock; 2 hen. Red Feather Farm, 5 hen; 3 pen. Pincroft Poultry Farm, Geo. W. Furgeson, Lenox, Mass., 2, 4 cockerels; 2, 3 pullets.

**LIGHT BRAHMAS** — Harvey C. Wood, Box 75, Bound Brook, N. J., 1, 3, 4 cocks; 1, 3 hens; 1, 2 cockerels; 1, 2 pullets; 1 pen.

**BLACK LANGSHANS** — A. Blackburn, 186 Church St., Rochelle, N. Y., 2 cock; 1, 2 hens.

**S. C. BROWN LEGHORNS** — Laurelwood Farm, Pequannock, N. J., 1 cockerel.

**S. C. WHITE LEGHORNS** — D. W. Young, Box E-13, Monroe, N. Y., 1, 2, 3, 4, 5 cocks; 1, 4, 5 hens; 2, 3, 4 cockerels; 1 pullet; 1, 2 pens. Owen Farms, Maurice F. Delano, owner, 2 hen; 1 cockerel; 2 pullet; 3, 5 pens.

**S. C. BUFF LEGHORNS** — L. E. Merihew, Marathon, N. Y., 5 cock; 4 hen; 4 cockerel; 2 pen. Monmouth Farms, Frenau, N. J., 2, 3 cocks; 1, 3 hens; 3 cockerel; 3, 5 pullets; 1, 3 pens.

**S. C. BLACK MINORCAS** — Yama Farms, Napanoch, N. Y., 3, 4 cocks; 1, 2 cockerels; 3 pullet; 1 pen.

**WHITE FACED BLACK SPANISH** — R. A. Rowan, Los Angeles, Cal., 1, 2 cocks; 1, 2, 3 hens; 1, 2, 3, 4 cockerels; 1, 2, 3 pullets; 1 pen.

**BLUE ANDALUSIANS** — E. D. Bird, Greenwich, Conn., 3 cock; 1, 5 hens; 5 cockerel; 4, 5 pullet; 2 pen.

**S. C. ANCONAS** — H. Cecil Sheppard, Box A-2, Berea, Ohio, 1, 3, 5 cocks; 3, 4, 5 hens; 1, 2, 3 cockerels; 1, 4, 5 pullets; 1, 5 pens.

**R. C. ANCONAS** — H. Cecil Sheppard 1, 2, 3, 4, 5 cocks; 1, 2, 3, 4 hens; 1, 2, 3, 4 cockerels; 1, 2, 3, 4 pullets; 1, 2 pens.

**S. C. BUFF ORPINGTONS** — Lucknow Farm, S. Norwalk, Conn., 3, 4 cocks; 5 hen; 1 cockerel; 2, 5 pullets; 3 pen. Owen Farms, 5 cockerel; 3 pullet; 2 pen.

**S. C. WHITE ORPINGTONS** — Warner & Greene, 2092 N. Main Ave., Scranton, Pa., 4, 5 cocks; 1, 3 hens; 4 pullet.

**RED SUSSEX** — D. M. Green, Cherry Valley, N. Y., 1, 2 cocks; 2 cockerel; 3 pullet.

**MOTTLED HOUDAN** — Wildwood Farms, Sayville, L. I.; 1 cock; 1, 4 hens; 3 cockerel; 1, 5 pullets.

**WHITE HOUDAN** — S. A. Howland, Granville, N. Y., 3 cock; 2, 3, 4 hens; 1 pen.

**WHITE FAVEROLLE** — Geo. F. Leach, Cornwall, Orange Co, N. Y., 2 cockerel.

**SILVER CAMPINE** — Homestead Campine Farm, Box W, Wayland, Mass., 2, 5 cocks; 2 hen; 3, 4, 5 cockerels; 1, 4 pullets; 1 pen.

**LACKENVELDERS** — Wildwood Farms, 1, 2, 4 cocks; 1, 2, 4 hens; 1, 2, 3 cockerels; 1, 2, 4 pullets; 1 pen.

**ANY OTHER VARIETY POULTRY** — R. I. Whites—1733 Ranch, 1 cock; 1 hen; 1 cockerel; 2 pullet.

**ROUEN DUCKS** — Sheffield Farm, 1, 3 old drake; 1, 5 old duck; 3, 4 young drake; 3 pen.

**INDIAN RUNNER DUCKS** — John Slade, Malvern, Pa., 3 old drake; 1 old duck; 4 young drake; 2 young duck.

**LIGHT BRAHMA BANTAM** — Harvey C. Wood, 2, 3, 5 cocks; 1, 3, 4 cockerels; 1, 2 pens.

(Note. Lack of room compels us to hold over until our next issue Mr. Tracy's report of the Wyandotte, Asiatic, Leghorn, Orpington, Campine and other classes.—Ed.)

## SILVER WYANDOTTES

They have won for our customers at Chicago, New York and Boston. If the best is wanted, write to J. F. Van Alstyne, Castleton, New York

## DUTTON'S NIAGARA REDS

### Again Winners at Buffalo

Single Comb, 3rd cock and shape, 3rd hen, 2nd cockerel, 1-2 young pen. Rose Comb, 1 cock and color, 5 cock, 1-4 cockerel and shape, 4-5 pullets and shape, 2 young pen. Best Display. \$25.00 trophy for best display of Rose Comb Males.

E. M. DUTTON, Box D, NEWFANE, N. Y.

## EGGS THAT HATCH EGGS McCONNELLS S. C. B. MINORCAS

Americas Greatest Trap Nested Egg Producing and Exhibition Strain make a Clean Sweep at the American Black Minorca Annual Club Show Jan. 1917 by Winning All Firsts, Seconds and Thirds in the Strongest Class of the Season. We are shipping Eggs Guaranteed to hatch regardless of distance shipped. Special Sale on Large choice breeding stock this month. Send for sale and mating list its free and worth while.

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## KEELER'S VIGOROUS WHITE WYANDOTTES

### THE IDEAL SHOW AND UTILITY STRAIN

For 23 years my strain of White Wyandottes have been winning for me and my customers at such shows as Chicago, New York, St. Louis, New Orleans, Kansas City, Pittsburgh, Denver, etc. They not only win prizes but produce satisfactory results in filling the egg basket, laying as high as 265 eggs per year—the prize winning females are selected from among these layers.

1000—BIRDS FOR SALE—1000

Cocks, Hens, Cockerels, Pullets and Show Pens. Eggs for hatching from choice pens. Send for catalogue.

CHAS. V. KEELER,

R. F. D. 17,

WINAMAC, IND.



**Purina Chicken Chowder makes eggs**

Ralston Purina Co., 811 Gratiot Street, St. Louis, Mo.



## "RINGLET" BARRED ROCKS AND THE MAN WHO PRODUCES THEM

By A. O. Schilling

(Continued from page 167)

So much has been written of the remarkable records made by the "Imperial Ringlet" Barred Plymouth Rocks at the Madison Square Garden that it is not necessary to repeat them here. Mr. Thompson's catalogue, one of the handsomest of its kind, tells these facts more fully than we can give them. It is sufficient to say it is simply a repetition of grand victories made one year after another as far back as 1895.

It is not a figure of speech to say Thompson's "Imperial Ringlets" are known the world over. Personally we have discussed them in foreign countries with breeders who inquired about them and with others who were the satisfied and pleased owners of birds purchased from Mr. Thompson.

It was in the early part of December that we visited Mr. Thompson's poultry plant and the weather was not exactly suitable to view the flocks on the open ranges provided for them. But such weather has its advantages, for we could have the flocks at close range in their comfortable quarters, which they gladly sought on account of the drizzling rain and dampness outside.

The farm is situated on high ground, which gradually slopes to a valley, affording natural drainage. The whole country is rolling land well adapted to poultry raising—in fact, it is part of the foot hills of the Berkshires.

Fresh water, good soil and plenty of pure air are necessary to all plant and animal life, and the Thompson plant possesses all three. The "Imperial Ringlets" show the influence of proper rearing, for they possess vigor, vitality, size and bone. This fact has been impressed upon us at different times when we have seen them in the show pen, but it was particularly noticeable in the flocks at liberty in the quarters where they were grown.

We recall especially a pen of beautiful pullets in one of the yards, which were an even lot in size and color. In fact, one could almost imagine they had been selected for exhibition.

It so happened that Mr. Thompson and his son, Valentine, who is his right-hand man about the plant in directing the daily duties of five or six helpers, were just making selections for the coming Garden show. We saw these cockerels, some 20 or more, fresh from the run. It was remarkable indeed how quickly they adapted themselves to the show cages. Breeders who have had experience along these lines know how discouraging it is at times to have some particularly fine specimen be a poor actor in a cage. In

fact, some birds never learn to behave well, but with Mr. Thompson's "Ringlets" it seems to be almost second nature. Their ancestors for many years back were show birds and they seem to have inherited a disposition that renders them gentle, yet active and stylish in appearance.

This little story of Mr. Thompson and his "Imperial Ringlet" champions would not be complete without mentioning several remarkable cock birds that we saw and examined.

We were passing through one of the long breeding houses admiring numerous beautiful males and females of fine type and color when we came across a male in a pen by himself. Immediately we wanted to handle this beauty, as he was simply a mass of sparkling black and white as the light fell over his shoulders, neck and back. He had a head and comb that were almost faultless, the skull denoting strength and vitality, while his rich, bright red eyes fairly spoke to us as we turned him over examining his remarkable barring. He was solid and strong and his legs were rich corn color, almost without a blemish. We parted his saddle feathers, neck, hackle and body fluff, and found that same strength of barring so much admired by the "Ringy" enthusiasts. He was broad over the shoulders and saddle, with a wealth of plumage that is uncommon.

A specimen that will answer the description that we have just given can be none other than a star among stars, and indeed he was one of the thirty males shown at the Garden last winter, but he was an unfinished cockerel at that time and not among the ribbon winners. Since his full development in form and feather he has outclassed all the other males that Mr. Thompson showed at the Garden at that time. We would like to point out in this connection that Mr. Thompson's customers have a reasonable chance of owning a bird of this quality when purchasing from him, for often some of the later birds outclass the early developed ones, but cannot be shown until they are cock birds. If I were breeding Barred Rocks, I should be willing to pay any price within my means for this particular cock bird I have described. Such a male in the breeding yards would reproduce his value over and over again and the effects of his quality would be apparent for generations.

It is these exceptionally good birds, properly mated, with blood lines that nick, that are improving the quality of the general run of Barred Rocks today.

The best is none too good for any one, and we would advise beginners to invest their money in birds of strains that are bred right and that have blood lines of known value.

At some future time we hope to have an opportunity to pay another visit to the home of the famous "Ringlets", and will then tell our readers about the housing, care and feeding of these birds, and as much as we know already and can gather in addition from Mr. Thompson about the principles applied in mating this wonderful family of prize winners.

It is a big undertaking to attempt to explain some of these breeding problems, but by the aid of photographs, which we will make of Mr. Thompson's birds, houses, etc., we hope to illustrate some of the breeding points of unusual specimens that will be of benefit to those who are interested.

There were some 3,500 to 4,000 "Imperial Ringlets" on the home plant of 22 acres, most of the birds being fully matured and developed, ready to supply the great local and foreign trade that Mr. Thompson is enjoying.

In one house we saw 250 pullet-bred cockerels that presented a beautiful sight. These were separated in runs containing about 25 each, while in another house we saw three pens of pullet-bred cocks, about 75 in number. There were single bird houses and houses containing long rows of pens for single males that were being kept in shape for sale.

The house containing some of the old hen breeding yards was very interesting. We saw here a number of Mr. Thompson's champion females and noted dams that have produced such wonderful breeders. We were shown some remarkable cockerel-bred hens. In fact we learned so much during this visit about interesting birds and the records they had made or the specimen they had sired, that it would fill a big book were we to tell it all. Furthermore, we fear we might get some of our notes mixed, in quoting the relationship of one famous "Ringlet" to another.

The "boss" of the plant or his close associate in the work, Valentine Thompson, could tell you all about each bird, his ancestors and descendants, and would keep you interested for hours if you were to pay them a visit. We know that a warm welcome awaits any earnest poultryman who makes the journey to America and the home of E. B. Thompson and his world-famed Barred Plymouth Rocks.

## X-L-N-C STRAIN BUFF WYANDOTTES

Bred strictly in line for 10 years. Consistent winners.

Exhibition and utility stock for sale.

W. S. CRANDALL,

GREENWICH, N. Y.

## Rose Comb PINECROFT POULTRY FARM R. I. Reds

Entered two cockerels and two pullets in competition with the world's best breeders at the last Madison Square Garden Show.

Won 2nd and 4th Prize Cockerels,

2nd and 3rd Prize Pullets

We have been winning for years and our lines are now the strongest in our history. Fine exhibition and breeding birds for sale, also eggs from prize matings. For prices and other information address

PINECROFT POULTRY FARM,

Geo. W. Furgeson, Supt.,

LENOX, MASS.



## EDITORIALS

(Continued from page 184)

The Tandem Double-Compound Thermostat for use on mammoth incubators, mammoth colony hovers, etc.

Readers of A. P. W. who wish to keep abreast of the times in the manufacture and use of successful incubating and brooding equipment will find it to their interest and benefit to write to the H. M. Sheer Co. for a copy of their latest annual catalogue. It is profusely illustrated and describes in detail the incubators and other poultry equipment invented and manufactured by Mr. Sheer. We quote the following interesting paragraphs from a letter of date December 23, 1916, from Mr. Sheer, wherein he describes his latest noteworthy invention, the Sol-Hot Wickless Blue Flame Oil Gas Lamp, a picture of which is published herewith:

"You will recall, Mr. Curtis, that for many years one of the most important features among my goods was a special safety incubator lamp and burner. For this next season I have an entirely new and original lamp and burner of the blue flame wickless type, made in sizes suitable for the average run of incubators and brooders, and provided with a new and original visible oil feed, through which the flame is controlled by a number of drops of oil passing through this feed per minute.

"It isn't necessary for the operator to see the lamp flame after he becomes familiar with the operation of the lamp, since he can control the flame entirely by the visible oil feed. He knows that a certain number of drops per minute will produce a given size flame, and that the burner must take each and every drop which passes through the sight feed, and can burn no more nor less. The flame cannot flare up or increase in size beyond the number of drops that are being fed to it, as is the case with the wick burner.

"The flame cannot die down, as is also the case with the wick burner, due to a crust gathering on the wick, since every drop of oil, as already stated, which passes through the sight feed must go directly to the flame."

Later on in the same letter Mr. Sheer states:

"For 1917 I shall manufacture no complete incubators and brooders, with the exception of the small, all-metal round Peerless machines. For the past two years I have been offering a full line of complete incubators, including the standard Hot Water type and the Multideck, preferring to let the 'build your own' proposition die a natural death. It refused to die, however, and I am convinced by this time that the proposition is here to stay, and since it originated with me, I shall now make it a permanent feature.

"During the past year, many of my old customers, those who were among the first to build their own incubators from my plans and with my fixtures, are coming back for more, stating that they had better results with the machine they built themselves than they did with any other make they had tried in the meantime."

### "ROYAL BLUE" HAWKINS

At Boston, at New York, at Chicago and at the World's Fair at San Francisco—from coast to coast—A. C. Hawkins, Lock box 30, Lancaster, Mass., has exhibited his "Royal Blue" Barred Plymouth Rocks, and everywhere they have given an excellent account of themselves. For thirty-seven years Mr. Hawkins has been breeding Barred Plymouth Rocks, making his first exhibit at Madison Square Garden in 1883.

At his last exhibit at Boston, 1915, Mr. Hawkins won three firsts in the single classes and three other first prizes besides special for best display, championship male and best colored male and female.

His two birds that went to the Panama-Pacific Exposition did not make their trip in vain, the cock bringing home second honors and the female winning first and "Grand Champion female."

That Mr. Hawkins does not breed for feathers alone is evident from the egg records made by his hens. A flock of twenty-one pullets of his strain averaged 207 eggs in one year. Mr. Hawkins will sell eggs from the same pens he uses, therefore his customers stand a chance of hatching and rearing "the bird of the year". Try a setting or two of his eggs, give the birds special attention and then take them into your local show or into the nearest large show and note results.

Mr. Hawkins will send you good foundation stock if you prefer to make a start in that way, or he can furnish you with high-class male birds or big vigorous males that are sure to "grade up" your flock. For full particulars regarding birds and prices write him.

### FERNBROOK FARM BREEDS PEDIGREED HIGH-QUALITY WHITE WYANDOTTES

Arthur G. Bouck, manager of Fernbrook Farm, 102 Menands Road, Albany, N. Y., wrote us an interesting letter re-

cently in which he told us that for a number of years they have been breeding "utility" as well as "fancy" poultry, but that the name "Fernbrook" was not used in connection with the poultry until about four years ago when they began to advertise their White Wyandottes. He says that "Fernbrook" is also the home of some of the best Guernsey cattle, but as yet they have not advertised them.

It has not been Mr. Bouck's aim to startle the world, but to build up the best possible quality-flock of White Wyandottes and then, by persistent showing, winning and advertising, to make the name "Fernbrook Farm" synonymous with highest-quality White Wyandottes.

The breeding of poultry may be said to be his hobby even though it is a paying business, and Mr. Bouck takes delight in watching the improvement of the quality of his flock from year to year. He knows the breeding of every bird for generations, his record books being carefully kept so that there is no guess work about their breeding and mating. Mr. Bouck says, "We have proved that blood will tell, that a bird that has been bred along certain lines will surely breed or reproduce those points when introduced into other flocks. Such a male will reproduce himself or birds that are

### Platt's Wonderful RED SUSSEX

The oldest and largest exclusive breeder of this variety in America. Illustrated booklet describing this great fowl. Sent free on request.

F. L. PLATT,

SWANTON, OHIO

## This 13-year-old Boy Built his own PEERLESS Incubator

Over  
25 Years  
a Proven  
Success



More  
than  
100,000  
Built From  
My Free Plans

No incubator ever built or that can be built, can make a better hatching record under all conditions than the Famous Peerless Incubator Built By Yourself according to my free Plan Book and equipped with my superior Patent Appliances, which I will supply at small cost.

For many years, over a hundred thousand poultry raisers have taken advantage of this opportunity to get a high grade hatching machine at a low price. Read these letters—I am proud to say I have many hundreds like them:

W. A. Gillespie, Stamps, Ark., writes: "I built my own incubator, using your plans and fixtures. Your regulator is without a doubt the best made—can't be improved upon. Am proud of my machine. Would not trade it for any other made."

L. M. Patterson, Spokane, Wash., writes: "I have used one of your Peerless Incubators for over 20 years and have made the best hatches with it of any machine I ever used."

## Anybody Can Build The Peerless

Free Book of Plans makes it easy—you can't possibly make a mistake and it will require only a few hours of your time. Directions and illustrations are so plain that anybody who can read can follow them without making a single mistake.

**My Sol-Hot Wickless Lamp**  
The only incubator lamp which requires no wick oil-feed. No more sooty pipes, no smoky chimneys, no cleaning of burners, no trimming of wicks, no going down of heat, no loss of hatches—absolutely safe. Saves fuel every hatch.



Easily Attached to Any Incubator and Improves the Hatching Quality

**VISIBLE FEED**

**My Patent Mechanical Appliances** are the latest improved in the world. They give you an incubator with really important exclusive advantages, which you can get in no other machine at any price. Maintain perfect hatching conditions with least trouble and a minimum fuel cost.

The Peerless Brooder is easily built as the Peerless Incubator. Protects the young chicks.

My latest Free Plan Book is just off the press. You really need it if you want to start raising poultry or increase your hatching capacity. Write for a free copy today.

**H. M. Sheer Co.,**  
Dept. 18 Quincy, Ill.



My 60-egg all metal incubator is a high class machine at a low price. Complete ready to start. Right size for beginners or small raisers. Large raisers can use them to advantage.



better than he. It is the bird that has known blood-lines of breeding back of him that can be depended upon—not the hit-or-miss-bred bird."

Mr. Bouck will have ten or twelve pens so excellent and so even in quality that it will be hard work to choose between them. He has refused long prices for several males (not his winners) that will head some of these pens. He has a lot of yearling hens bred right, that are good breeders themselves, that he will sell at remarkably low prices, also some cocks and cockerels and a few excellent pullets.

As proof of the quality of Fernbrook Farm's White Wyandottes we may repeat that at the last Palace, New York, Show, Fernbrook Farm won 1 cockerel; 1, 4 pens; 1, 3 cocks; 1, 3, 5 pullets; 3, 5 hens. Full particulars will be furnished on request.

#### L. J. BROSEMER ACCEPTS POSITION AS MANAGER OF MR. HERING'S POULTRY FARM

January 22nd Mr. L. J. Brosemer, having severed his connection with the R. P. J. Publishing Company, assumed the management of Mr. Frank E. Hering's poultry farm at South Bend, Ind. Mr. Brosemer is intensely interested in the problems of breeding high-class poultry and his connection with Mr. Hering's farm will give him an opportunity for study and experimenting. He also plans to take a course in Biology and kindred subjects in the Notre Dame University at South Bend.

Mr. Hering has one of the best equipped poultry farms in the country. We are informed that he has invested about \$30,000 in it and we earnestly hope not only that Mr. Brosemer's experiments will add to the sum-total of knowledge in regard to breeding standard-bred poultry, but that he will succeed in making Mr. Hering's farm a paying proposition.

Mr. Hering breeds S. C. White Leghorns and Silver Campines and the quality of his stock may be judged by his winnings at the last Chicago Coliseum Show which are as follows:

In S. C. White Leghorns—1, 2, 3, 4, 5 cocks; 1, 2, 4 hens; 1, 2, 3 cockerels; 1, 2, 3, 4 pullets; 1, 2 old pens; 1, 2, 5 young pens; all trophies and all specials, also cup for first cock, first hen, first cockerel and first pullet.

In Silver Campines—1, 2, 4, 5 cocks; 1, 2, 3, 4, 5 hens; 1, 2, 3, 5, cockerels; 1, 2, 3, 5 pullets; 1, 2 old pens; 1, 2 young pens, and for the fourth consecutive year he won the Coliseum Sweepstakes Championship.

#### A CORRECTION

In our Palace show report, page 136, of our January issue, we credited Grove Hill Poultry Yards, of Waltham, Mass., with winning first S. C. Brown Leghorn cockerel. That honor belongs to Laurelwood Farms, Pequannock, N. J. The bird was an unusually fine one and the judgment of H. V. Tormohlen, of Portland, Ind., who placed the awards at the Palace show, was confirmed by J. H. Drevenstedt, who judged the Brown Leghorns at Madison Square Garden and placed the blue ribbon on Laurelwood Farms' Palace winner. It is indeed a high honor for one bird to win

first at both the Palace and the Garden, and the breeder is to be congratulated. Attention is directed to the advertisement of Laurelwood Farms in this issue. For full particulars regarding stock and eggs write soon and place your orders early, thus avoiding disappointment.

#### WHO SAYS EXHIBITION AND UTILITY QUALITIES CAN NOT BE COMBINED

The National S. C. Buff Leghorn Club held its annual meeting at Detroit, the week of January eighth and Dr. L. E. Heasley, Holland, Mich., sent over a string of his "Egg-basket" strain of S. C. Buff Leghorns to enter the lists against all comers, and they justified his pride and confidence in them by bringing home 1st, 2nd, 3rd, 4th and 5th prizes on cockerels; 1st, 2nd, 3rd and 4th prizes on pullets; 1st on hen; 2nd and 3rd on cocks; 1st on old pen; 1st on young pen; prize for best display and the Championship prize and a special for the best Buff Leghorn in the show, besides the club specials for shape and color.

The 1st young pen cockerel was very much admired and Dr. Heasley writes us that he was sired directly from 283-264-egg blood while 1st prize cockerel was bred from the same pen that produced his hen that laid 211 eggs in eleven months in the last Missouri egg laying contest. Many of the females exhibited were also from high-egg-record birds.

This is the third championship that Dr. Heasley's birds have won this year—

at Detroit, at the State A. P. A. Meet at Battle Creek and at the Chicago Coliseum show. He also won for the third successive year the highest egg record, made of this breed, in any official egg laying contest. Forty per cent of his pen entered in the Missouri contest crossed the 200 egg mark in eleven months.

Better write to Dr. Heasley for his latest printed matter and enter orders now for hatching eggs and baby chicks.

#### THE WHITNEY-BARRON WHITE LEGHORNS

We were much interested in a recent letter from Mr. Wm. B. Whitney, of Marlborough, N. Y., in regard to his strain of White Leghorns into which he has introduced some English blood, and we shall have more to say about his birds and his methods next month. In the meantime, those who would like to have heavy-laying White Leghorns would do well to note Mr. Whitney's ad in this issue and write him regarding stock and eggs.

Mr. Whitney trap-nests his birds the year 'round and has in his pens, birds with records from 200 eggs up to 300. His bird, "Ulster Queen," earned the right to have her name placed among those of great hens by producing 290 eggs her pullet year, 268 her second year and 242 in her third year. Write him for full particulars.

#### Sanborn Buff Wyandottes --- Garden Winners

At Madison Garden, Jan., 1917, my Egg Record Strain, on 5 entries, won: 1st cock, 1st cockerel, 1st pen, 3rd hen, 3rd pullet. At the Storrs Egg Laying Contest my hens have laid up to 246 eggs, and last year's average there was 175 eggs. You need eggs from a strain that has won big honors at both the Garden Show and the Storrs Contest, and at fair prices.

Dr. N. W. Sanborn, 424 South Road, Holden, Mass.

#### TOLMAN FRESH AIR STRAIN

### WHITE PLYMOUTH ROCKS

Baby Chicks and Eggs for Hatching. Write for free list.

JOSEPH TOLMAN, R. F. D.-Dept. G, ROCKLAND, MASS.

### ANDERSON'S ROSE COMB REDS

We are one of the oldest R. C. Red breeders in America. We have won Blue ribbons at Madison Square Garden and other leading shows. We can satisfy you either in stock or eggs for hatching. Our matings will be strong and will contain our winners at the last Palace Show. For catalogue and prices address.

ANNESLEY M. ANDERSON, MORTON, PA.

#### SWEEPING VICTORY

### Monmouth Farms

## S. C. Buff Leghorns

at Great Madison Square 1917

Win 2, 3 Cock, 1, 3 Hen, 1, 3 Cockerel, 3, 5 Pullet, 1, 3 Pen and Best Display

**Prospective Buyers**—Take into consideration our sensational win at Hagerstown and Grand Central Palace and keep in mind the fact that it is our aim to produce America's best at prices within reach of the masses.

Our S. C. White Leghorns at Hagerstown won five firsts in a show of over 7,000 entries.

Send for prices and mating list.

#### MONMOUTH FARMS

Watts Bros., Props. Box 75 FRENEAU, N. J.



## EDITORIAL NOTES.

The numerous friends of Frank L. Platt, Swanton, Ohio, will be interested in the fact that he is to be married in the near future. The happy bride-to-be is a New York City girl—one whom the editor of A. P. W. has known for years. She is an excellent young lady in every respect and the fact that she is a competent stenographer as well as a person of literary taste means that she can be of much help to Mr. Platt in his newly-appointed position of editor of the two forthcoming Separate Breed Standards, to be published by the American Poultry Association, devoted to the Plymouth Rocks and Wyandottes. All hands will congratulate Mr. Platt and wish him and the future Mrs. Platt long life and much happiness.

—o—

Chas. D. Cleveland, secretary-superintendent of the Madison Square Garden Poultry Show, informs us that the next annual show will be held in the Garden, December 27, 1917-January 3, 1918. This is the same week during which the recent show was held and it has proved to be a good one. The New Year's day attendance this winter was highly satisfactory. Madison Square Garden was sold to an insurance company a short time ago and the talk of tearing it down, to replace it with a sky-scraper, has been revived, but it is quite certain that this will not take place while the European war continues, because of the fact that all building materials are now fifty to one hundred per cent. higher than during normal times. Doubtless this means that the great Garden show can be held in the same building not only next year, but the year following.

—o—

Ira C. Keller, Prospect, Ohio, a breeder of Silver, Golden and White Wyandottes who has no superior in this country when we consider the three varieties of Wyandottes, is carrying a display advertisement in these pages and the editor of A. P. W. is prepared to recommend him to the limit, as a man who understands the proper selection and mating of these three popular varieties of the Wyandotte

family, who owns blood lines second to none and who can be trusted to treat every customer honestly and liberally. We have known Mr. Keller personally for fifteen or twenty years, have visited his place, have repeatedly seen his birds on exhibition at Madison Square Garden, at Chicago and elsewhere and we know therefore whereof we speak in recommending his fowls. Not only does he breed as good as the best, but he quotes moderate prices, quality considered. This is true of breeding stock he has for sale, also of eggs for hatching. If interested in either of the three varieties of Wyandottes bred by Mr. Keller, send for his latest circular and learn particulars.

Already the monthly editions of A. P. W., under the new management, are far too small, as regards number of pages, for the wealth of interesting reading matter that is available. As time goes on, we shall be able to afford a larger number of pages each month, but at present we are having to make haste slowly, in view of the fact that the paper now used in publishing this magazine has increased in price during the last few months from less than \$4.00 a hundred pounds to more than \$9.00 a hundred pounds. This increase in price, chargeable mainly to the effects of the old-world war, is something "fierce", but it has to be endured. At present the paper mills of Europe are idle, or practically so, and the United States and Canada are being called on to supply the rest of the world with paper of all kinds. This unexpected demand has been a heavy drain on raw materials, with the result reflected in the doubling of prices within a period of half a year. In some cases the present prices are three times what they were nine to twelve months ago. Here lately numerous daily papers have been forced to double their subscription prices, while at the same time cutting down the number of pages per issue. There is no relief in sight, so long as the war con-

tinues and the European paper mills remain idle.

—o—

Chas. J. Fisk, proprietor of Wilburtha Farms, Trenton Junction, N. J., informed us at the recent Madison Square Garden Show that he is not now a candidate for the office of president of the American Poultry Association. Mr. Fisk is a man of ability who has held numerous offices in the public interest, but at present he has not the leisure to give the American Poultry Association the time required for productive services as chief executive. He takes a keen interest in the affairs of the organization and at some time in the future, if a majority of the voting members were to feel that he is the right man for the place, it is probable that he would undertake the responsibility, though he is not a seeker after this office. At the time we mentioned the matter to Mr. Fisk he probably did not know that E. E. Richards was to be a candidate for re-election. Mr. Fisk spoke well of Mr. Richards and it is likely that he will support him.

—o—

Charles G. Pape, Fort Wayne, Ind., specialty breeder of S. C. Black Minorcas, has asked us to announce his candidacy for membership on the Executive Board of the American Poultry Association, which is done hereby. Mr. Pape has attended numerous annual conventions of A. P. A. and no doubt is quite well informed on the work the organization has undertaken. In his letter to us of date January 8th, he says: "Business with us is good and I look for one of the greatest seasons ever."

—o—

Among the specialty breeders of White Rocks that it will pay readers of A. P. W. to correspond with, is W. F. Hayward, Box A, Westboro, Mass., a specialist of this variety who won the lion's share of the prizes at the 1916 Boston show and

## BLUE ANDALUSIANS

Bred as a specialty and producing winners wherever shown. Fine lot of cockerels for sale. Pens and tries at reasonable prices, also single birds. Largest flock in the east. Heavy layers of large white eggs. Settings of eggs for sale. Mating list for 1917 upon request.

E. D. BIRD,

GREENWICH, CONN.

## Mirimichi Poultry Farm

Breeders of the world's best S. C. Rhode Island Reds, White Plymouth Rocks and White Wyandottes for exhibition and utility. Winnings at the recent Boston Show on White Plymouth Rocks, first pen; second, third and sixth Cock; third, fifth and sixth Cockerel; sixth Hen; first S. C. Rhode Island Red Cock, shape and color special, and champion male; Rose and S. C. Reds competing. At the World's Fair, Panama Pacific International Exposition, Nov. 18th to 25th, 1915, we won on S. C. Reds in the strongest competition ever known, first Cock; first and second Pullet; third pen; seventh Hen; championship on Pullets all varieties competing.

**1917 Mating List will be ready Feb. 15th. Get your name on our mailing list at once. Absolute satisfaction guaranteed.**

**Mirimichi Poultry Farm, Box 500-X, Foxboro, Mass.**

## Hendrickson's Single Comb Reds AGAIN PROVE THEIR QUALITY

At the club meet held at the Palace Show in December we won 1st pen, 1st and 5th hens, 2nd cockerel, 3rd and 5th pullets, first display. At Madison Square Gardens later in the month we won 1st pen, entirely different from Palace pen, 4th cock, 5th hen, 3rd, 5th pullets, second display.

Send for Mating List now ready

**John B. Hendrickson**  
Ridgewood, N. J.



who was highly successful at this season's exhibition, winning as follows: 4th cock; 1st hen; 1st cockerel; 4th pullet, and 1st and 2nd pens. We have the good fortune to be acquainted with Mr. Hayward and have seen his birds. He does not breed them in large numbers, but "breeds them right." Mr. Hayward is a man on whom our readers can rely for courteous treatment and a square deal. Eggs for hatching from his carefully selected pens, representing well-established blood lines, are certain to hatch choice specimens, provided they are well raised. In other words, here is a good place to get a start in high-class White Rocks at a moderate price.

The enterprising city of Chattanooga, Tenn., located in a historical section of great interest to patriotic Americans, has invited the American Poultry Association to hold its 1917 annual convention in this city. H. B. Moseley, president of the Tennessee Poultry Breeders' Association, ably supported by other well-known officers of this organization, are back of the invitation. These men include: O. B. Andrews, proprietor of the Premier Farm, Chattanooga, Tenn., breeders of Barred Plymouth Rocks, also president of the O. B. Andrews Co., manufacturers of poultry equipment; S. B. Bejack, Memphis, Tenn., identified for many years with the Tri-State Poultry Association of Memphis; Frank Langford, Nashville, Tenn., successful breeder of Rhode Island Reds, and H. M. Layman, East Lake, Tenn., secretary of the State Poultry Breeders' Association. In his letter of invitation, President Moseley says: "The poultry business in this section is developing rapidly and a meeting of the American Poultry Association in Chattanooga will give it great impetus, resulting in immense benefit not only to the association, but to the South and the entire nation as well." The invitation is supported by the mayor and city commissioners of Chattanooga, the Chattanooga Chamber of Commerce and other local civic organizations.

We quote the following interesting data from a letter of January 16, 1917, from J. V. McConnell, Garden Grove, Cal., specialty breeder of S. C. Black Minorcas and a true pace-setter in the production of high-class standard-bred domestic fowl: "I just returned from the American Black Minorca Club show at Los Angeles, held January 3-9, inclusive, where I won 1, 2, 3, 4, 6 cocks; 1, 2, 3 hens; 1, 2, 3, 4 cockerels; 1, 2, 3, 4, 6, 7 pullets; 1, 2, 3, 4 old pens in a class of 190 birds, with twenty pens in line. The quality was great—far better than you saw at the World's Fair at Frisco, November, 1915. The first prize hen at Frisco, in the pink of condition, did not get a place at this club show. We also won all specials and sweepstakes for best display in show, points to count. Am glad to say that the American Poultry World is bringing me good business in the way of inquiries and sales, notwithstanding the distance that separates us. Our eastern business continues to be good, especially here lately."

That staunch old advocate of standard-bred fowl, W. H. Card, Manchester, Conn., familiarly known as "Wid", has been appointed secretary-treasurer of the American Cornish Club, to succeed John W. Ward, resigned. For a number of years Mr. Card has been secretary of the Rhode Island Red Club of America, an office that he has filled with profit to the club and much credit to himself. Mr. Card originated the White-Laced Red Cornish, a strikingly beautiful variety of the Cornish breed, and well deserves every honor that his fellow-poultrymen can place upon him. Here is hoping that he may live to be a thousand years old, or older.

Under date January 8th, Thos. F. Rigg, well-known poultry judge, poultry writer and fancier-breeder, wrote us as follows: "Note with interest your editorial regarding Houdan Club. J. A. Underwood, Penn Yan, N. Y., is now president. He is an active and loyal

friend of the Houdans. President Underwood has appointed Miss Nora L. Ryan, Penn Yan, N. Y., as secretary-treasurer pro tem. Friends of the Houdans who are interested in the club can get particulars of its plans from either President Underwood or Miss Ryan. Mrs. Rigg and I are leaving tonight on a trip to Cuba and South American countries." Each winter for a number of years, Mr. and Mrs. Rigg have gone south, spending the cold months in Florida, or the Bermuda Islands or elsewhere in that section. "At home" they live at Iowa Falls, Iowa.

#### NEW JERSEY WINS IN JUDGING CONTEST

Mr. H. R. Lewis, Poultry Husbandman at the New Jersey Agricultural Experiment Station at New Brunswick, is much pleased with the showing made by the representatives of Rutgers at the last Garden Show. From his report of the event we quote the following:

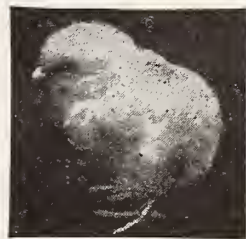
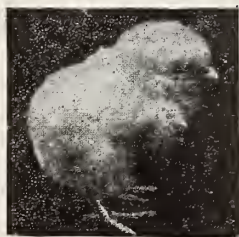
Teams representing the agricultural colleges of six states competed at Madison Square Garden Show, New York City, in the Annual Inter-collegiate Poultry Judging Contest, held Saturday, December 30th. Each team was made up of three bona fide students from each institution, the requirements being that each entrant must have been in attendance at least eight weeks during the present school year and had never acted in the capacity of official judge at any poultry show. The following states were represented: Massachusetts, Connecticut, New York, Maryland, North Carolina and New Jersey.

As a team, the New Jersey Agricultural College, Rutgers, won second place with a total of 1,595 points out of a possible 2,400, first place being won by Massachusetts with a score of 1,750 out of a possible 2,400. A member of the Massachusetts team won high individual honors with a total score of 630, leading a member of the New Jersey team by the narrow margin of five points. A winning team in an educational contest is of as much value to his college as a winning athletic team.

#### TO WHOM IT MAY CONCERN:

This is to notify the people in general, and the poultry world in particular, that Russel F. Palmer is no longer in any way, shape, form or manner, connected with the 1733 Ranch, in any of its departments, nor will we be responsible for any contracts which he makes or attempts to make.

1733 RANCH,  
By W. L. Stickel Lumber Co.  
By W. L. Stickel, President.



## How Much Should I Pay For Chicks?

This question does not, ordinarily, receive enough consideration from poultrymen. Remember, the cheapest are often the most expensive in the end.

Wilburtha Farms winters be COLUMBIAN PLYMOUTH ROCKS AND WYANDOTTES, S. C. WHITE LEGHORNS, WHITE PLYMOUTH ROCKS, S. C. R. I. REDS  
**C. J. FISK, Owner**  
**M. L. CHAPMAN, Gen. Mgr.**  
**D. G. KEYLER, Supt.**

tween three and four thousand females for our hatching egg and baby chick trade. These birds are all fine specimens of the breed and are maintained in a high state of health and efficiency. They are daily observed by men who have made a life-long study of poultry. All birds are handled in-

dividually many times a year, and all of a faulty structure, improper development or that show signs of debility are sent to the butcher. To operate a farm in this way costs money, and chicks from such a flock cost more, but are well worth the slight difference in price, if you want to improve your flock. Send now for our Chick and Hatching Egg Circular that gives prices and tells the whole story.

**Wilburtha**  
POULTRY FARMS

**32 River Road,**  
**TRENTON JUNCTION,**  
**NEW JERSEY**



## YAMA FARMS

Yama Farms at Napanoch, N. Y., for a number of years have been furnishing well-bred Black Minorcas and Barred Rocks to an ever increasing list of customers.

As "figures talk", we may give a good idea of the poultry business done at Yama Farms by quoting from a recent letter in which they said: "Our business year ended Dec. 31st and we have done about \$15,000 worth of business, clearing a good per cent. on the investment."

Besides doing a good business in the supplying of high-grade standard-bred fowls they have been supplying a fancy table egg trade and furnishing about 5,000 yearlings and layers a year. At the present time they have on the farm 3,400 birds and can space a few excellent breeders, on which they will make bargain prices. They have over a thousand females, nearly all of which are yearlings and, therefore, are prepared to handle a large eggs for hatching trade. They can supply incubator eggs in large numbers. Their selected matings are strong this year, many of the pens being headed by prize winners. Their mating list will be sent free on request. When writing them, kindly mention A. P. W.

## "PREJUDICE IS GIVING WAY".

A letter from the H. I. Company, Inc., Salem, Va., manufacturers of Oculum, states that they are happy to say that prejudice is slowly but surely giving way and that each year thousands of new poultry keepers are using Oculum in addition to the old customers who come back for an annual supply. Many hundreds of these customers are so pleased with the results obtained, either in curing disease or preventing it, or with an increased egg yield, that they write the H. I. Company letters like the sample we publish herewith:

Signac, N. J.,  
Jan. 5, 1917.

H. I. Co.,  
Salem, Va.  
Gentlemen:—

I enclose P. O. M. Order for \$4.00 for which send me 2 pints of "OCULUM"—one for myself and one for my neighbor who laughed at me, last winter, for paying \$2 a pint for chicken "dope". I have 30 Brown Leghorn pullets, hatched on April 20th which laid 117 eggs in Oct., 270 in Nov., and 516 in Dec., which speaks well for "OCULUM".

Truly,  
F. VANDER MULEN.

This is one of many cases where a customer sent a repeat order and one for his neighbor, having convinced him of the good results obtained from using Oculum.

## BIG POULTRY BOOK FREE TO OUR READERS

"Jim" Rowan's big poultry book, "Hatching Facts," is off the press and a copy will be sent free to any of our readers who will write for it and mention A. P. W. Mr. Rowan is president of the Belle City Incubator Company, Box 117, Racine, Wis., and his 1917 book may be described as a "riot of colors." It is full of illustrations and contains much information about successful methods of hatching and raising poultry.

It may be said that "Hatching Facts" contains the story of twenty-five years' experience in manufacturing incubators and brooders. Mr. Rowan does not wish his annual catalogue to be simply a means of selling Belle City Incubators and brooders, but he aims to make it teach successful methods of incubating and brooding poultry, and includes information that is valuable both to experienced and inexperienced poultry keepers. Remember a copy of this book will be sent free to any of our readers who ask for it.

## Eggs for Hatching

## BABY CHICKS

From trapnested Barron and American stock.

Catalogue on request.

White Leghorns Worth While

## BAYVILLE FARMS

Bayville, Box W, Ocean Co, N. J.

## "SWAT THE RAT"

Do it as often as you can and no one will think it is a lick amiss. Rats are an expense that a poultryman should eliminate. They eat quantities of poultry food, injure feed bags, floors and doors of buildings, and are known to be disease carriers. They also take toll of fresh-laid eggs and young chickens. There is nothing good that can be said about them. The only question that arises is how to get rid of them successfully without endangering the lives of human beings and stock. Read what Percy A. Cook, of the firm of Wm. Cook and Sons, Scotch Plains, N. J., says about Rat Snap which is advertised in these columns. Following is Mr. Cook's letter:

"The Merchants Drug Co.:—We are pleased to state that we consider Rat Snap, manufactured by you, is without doubt the finest rat and mice exterminator we have ever used. We have tried to see if chickens would eat it and have kept the birds hungry with Rat Snap before them, and they would not touch it. We certainly take great pleasure in recommending it to all our customers as the best exterminator ever used. Wishing you every success,

Faithfully yours,

WM. COOK & SONS,

Per P. A. Cook."

You will find the advertisement of the Merchants Drug Co., Easton, Md., in this issue.

Mr. Fred C. Lisk, Box L, Romulus, N. Y., well-known breeder of high-quality White Wyandottes, entered a few birds in the recent Pittsburgh, Pa., Show. He shipped his birds in ample time but the railroad company failed to deliver them until the judges were ready to begin. He did not have a chance to put them in condition after their long journey but, handicapped as they were, he captured 2nd old pen, 5th cockerel and 3rd pullet.

Mr. Lisk has a large farm and believes in giving his birds free range which, with their first-class care and feed, gives him large, vigorous stock. He has also bred for snow-white plumage and heavy-laying. He raises about 700 birds a year and sells to his customers eggs from the same pens that he uses himself.

While en route to Pittsburgh we had a half-hour's visit with Mr. Lisk who told us that he still has some excellent young stock for sale, a few choice old birds and eggs for hatching from the best pens he has ever mated.

We have no hesitancy in recommending Mr. Lisk to our readers who want White Wyandotte eggs or stock.

For several years Mr. U. R. Fishel, Box B, Hope, Ind., proprietor of Fishelton Farms, has not exhibited to any extent, but this season he sent a string of his "Fishelton" White Plymouth Rocks to the Chicago Coliseum Show where he won 1st, 2nd, 3rd and 5th cocks; 2nd, 4th and 5th hens; 1st, 2nd, 3rd and 4th cockerels; 1st, 2nd, 4th and 5th pullets; 1st and 2nd pen of fowls; 1st, 2nd and 3rd pen of chicks; Champion cock, cockerel and pullet and silver cup for best display of White Plymouth Rocks—which did not leave very much for his competitors.

For the present season Mr. Fishel has twenty-seven breeding yards, each of them headed by a first prize male bird. He reports that he still has for sale a number of excellent breeders which he considers the finest that he has ever raised. Those in search of breeding stock should send for his illustrated price list of stock and eggs. If the customer desires, Mr. Fishel will carefully mate pairs, pens or trios.

Since 1890 W. A. Congdon, of Waterman, Ill., has bred Barred Rocks and he has bred for vigor and egg production as well as for standard fowls.

Waterman is 62 miles west of Chicago, and Mr. Congdon has a large farm so that his birds have unlimited range. He has mated some special pens for this season's egg trade and will be pleased to give full information regarding them and will send his price list on request. He can furnish incubator eggs and also utility stock. When writing kindly mention A. P. W.

## WOODS LIGHT BRAHMAS, Win—Weigh—Lay—Pay

Winners at both New York Shows, Boston, Chicago Coliseum, and other large shows. Egg prices reduced and special rates on splendid breeders after June 1st.

Harvey C. Wood, Box 75, Bound Brook, New Jersey

## ROSE COMB REDS

A fine lot of cockerels closely related to my Buffalo winners, \$3.00 to \$10.00.

C. E. RILEY, 973 Broadway, BUFFALO, N. Y.

**PILLING CAPON TOOLS** *Easy to use*

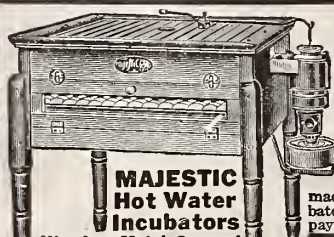
Caponize and double the weight and the price of your cockerels. Easily done. Complete outfit—full instructions—prepaid.

**G. P. PILLING & SON CO.**  
Philadelphia, Pa.

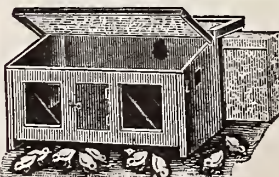
**Send for Book FREE**



## 5 Monthly Payments



Get all the facts about this remarkable offer. Let us show you how easy it is to get a reliable positive batch incubator and have it hatching out brood after brood while paying for it. You couldn't get a more dependable incubator or brooder than the Majestic. The Majestic is famous for its big hatches. Heated with heavily polished copper tubular hot water tank and boiler insuring perfect distribution of heat. Special incubator lamp made of heavy metal—metal chimney with mica window so flame can be seen and regulated without removing chimney. Equipped with Automatic Regulator; perfect ventilating system; handsomely finished with mahogany colored stain; two coats durable varnish. Majestic Brooders are water proof, have perfect ventilation; two large panes of glass admit abundance of light and sunshine. Your satisfaction guaranteed. Send coupon for catalog.



## Sensational Offer on MAJESTIC Incubators and Brooders

Before you buy an incubator or brooder of any kind mail coupon below for our catalog showing pictures, descriptions and low bargain prices of the famous Majestic Incubators and Brooders. Also explains fully our remarkable, long-time easy credit plan—without a doubt the most liberal offer ever made on Incubators and Brooders. We will send you any size Incubator or Brooder (or both) and you may pay balance in five monthly payments. We offer remarkable low prices and credit terms.

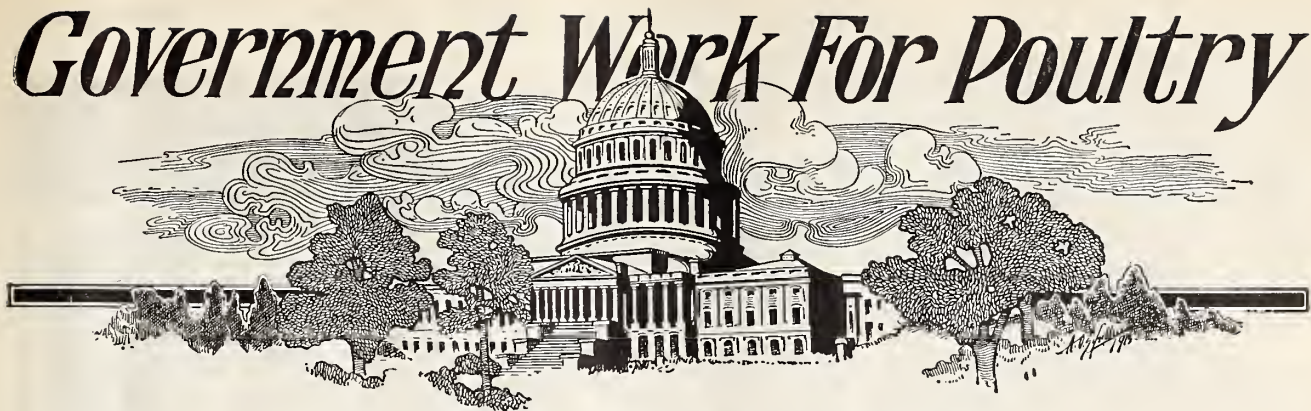
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Send me free, your Majestic Incubator and Brooder Catalog and full details of your remarkable Five Monthly Payment offer.

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# Government Work For Poultry



Conducted by HOMER W. JACKSON, Special Contributor

## THE VALUE OF EGG LAYING CONTESTS

**Egg-Laying Contests Have Been In Existence in This Country But Five Years. Starting With Everything to Learn. Comparatively Few Mistakes Have Been Made and Much Interesting Information Gained**

Bulletin 87 of the Storrs Experiment Station, giving some data regarding the Fourth Annual Laying Contest, is reviewed at some length in this department. Nothing startling is brought out in this bulletin, but it "shocks up" a number of items of general information that are worth considering and filing for future reference.

The popular interest in Egg-Laying Contests appears to be increasing instead of falling off. There are seven under way at the present time, under state management, in Connecticut, New Jersey, Delaware, Kentucky, Arkansas, Missouri and Washington also one in British Columbia. In addition to these, some are being conducted under private control.

Not all the public interest in these contests is favorable, and their practical value is more or less a subject for controversy. Therefore, before taking up the review of the results secured at Storrs, I want to call attention to a few general facts in regard to contests generally, that need to be considered before passing judgment on the work at Storrs—or anywhere else.

Probably these contests cannot escape some responsibility for certain widespread ideas that, to put it mildly, need a lot of correcting to make them serviceable for every-day use. On the other hand, to them must be given credit for advertising the industry and for giving a tremendous impetus to various efforts to improve the egg-laying ability of fowls.

One thing that the critics seem to have failed to take into account is that egg-laying contests are, after all, a comparatively new development. The best methods of conducting them, and the best way to utilize them in the interest of the industry generally are questions that demand time and experience, and can only be worked out gradually.

The first contests in this country were inaugurated at Storrs and at Mountain Grove only five years ago, and they started with everything to learn. There have been important financial and practical problems to solve, and this at a time when the science of the industry itself was in the making. Under such conditions, it would be strange indeed if no inconsistencies developed and if no mistakes were made.

That the method of conducting these contests would be improved by certain changes is, I presume, appreciated as clearly by those who are in charge of them as by anyone else. It ought not to be difficult to understand, however, that such changes must of necessity, be made slowly and with great care.

As one of the original board of directors of the North American-Storrs Contest, I happen to know that not all of the details of the first contest were unanimously approved by the directors, and some of us have had the satisfaction of seeing changes made since then that bring the conditions of the contest in line

with suggestions made at the start, but which for one reason or another were not considered possible or practicable at that time. Doubtless, still other changes will be made as the necessity or opportunity for making them becomes easily apparent.

But let's be reasonable. While these contests are developing into something that will satisfy all parties concerned (assuming that such a thing is possible), it is worth while to reflect that if we had waited for egg-laying contests (or anything else) until bullet-proof plans could be formulated, we would wait to the end of the chapter.

Granting that some of the results of laying contests are unfavorable, if there is any advantage in publicity for the



## MAKE MONEY

hatching chickens with the Gem Incubator, that low-priced, high-grade, absolutely reliable, up-to-date Hatcher. Sure profits. Now is the time to prepare for the early hatching season. Write to-day for a beautiful catalogue FREE.

Gem Manufacturing Co., Box 42, Greenville, O.

## BROODER

For \$2.96, including heater, you can build the simplest, most efficient, and most satisfactory brooder ever made. Wind-proof; fire-proof; rat-proof; fool-proof. Can be built by anyone in an hour, with saw and hammer. Plans 10c.

I PUTNAM, Route 201 ELMIRA, N. Y.

## ESSEX RED STRAIN, ROSE COMB RHODE ISLAND REDS

Our stock is bred from three of the strongest blood lines in America and has blood of the great "Bill Taft" and the mighty "Sensation". This positively gives us one of the best strains in the world. Have been winners wherever shown and stand today stronger than ever. Eggs for hatching and stock for sale.—SATISFACTION GUARANTEED.

OLD ACRES POULTRY FARM, Box 133, ESSEX FALLS, NEW JERSEY



## U. R. Fishel's White Plymouth Rocks

Have been bred in line for nearly thirty years and have been conceded the best in this variety. Our winnings at Six International World's Fairs and Expositions and Twelve State Fairs and Expositions is a record unequalled. Our latest triumph was at the

### GREAT CHICAGO COLISEUM SHOW, 1916

In best class of White Plymouth Rocks ever exhibited in Chicago, I won 1, 2, 3, 5 Cocks; 1, 2, 3, 4 Cockerels; 2, 4, 5 Hens; 1, 2, 4, 5 Pullets; 1, 2 Pen Fowls; 1, 2, 3 Pen Chicks, Four Championships and Best Display. This winning in 1916, with our records at Indiana, Ohio, Illinois and Missouri State Fairs makes a record unequalled.

### 1000 Selected Breeding Male Birds

at \$3, \$5, \$8, \$10, \$15 and \$20 each, birds carrying the Fishel winning type and blood lines no other White Rock breeder can give you. Write me your wants, please, in Selected Breeding Pens and Utility Flocks.

MATING LIST FREE. EGGS FOR HATCHING. BABY CHICKS.

U. R. FISHEL, Box B, HOPE, INDIANA



industry, if there is any advantage in making egg records official as contrasted with uncertain and unverified records of private and distinctly self-interested persons, then egg-laying contests have justified themselves. And if the pioneer, "learning-how" contests have proved of value, then certainly in coming years, with trained workers and constant improvement in methods, they may be expected to be more and more helpful.

#### Rations and Methods of Feeding in Egg-Laying Contests

The rations used in feeding the hens in egg-laying contests have always been a bone of contention. From a practical view-point it would seem that fowls of different breeds would have a better opportunity to do good work with a ration exactly adapted to their needs, than when all pens in the contest are fed on exactly the same ration.

Under ordinary conditions, even though the same foods be used, the careful feeder will vary the proportions of the different grains according to what seem to be the requirements of the different breeds. For example, I doubt if any practical poultryman would use exactly the same ration in feeding both Plymouth Rocks and Leghorns. He might use the same grains, but he certainly would feed them in different proportions, if he did nothing more than to reduce the percentage of corn in the case of the Plymouth Rocks.

The careful feeder also will vary the ration at different seasons, increasing and decreasing certain grains and varying the proportions of mash and scratching grains, as dictated by the performance or condition of the hens. Naturally, a uniform ration supplied to fowls of all breeds and at all seasons of the year will come in for more or less criticism.

It is doubtful, however, whether those who ask for special rations for the various breeds represented, realize what an impossible task that would be. An attempt to feed each separate pen for maximum production would lead to the greatest confusion. For one thing, what anybody knows about the special food requirements of the different breeds is extremely limited. If the question of adapting rations to breeds were to be referred to our most competent authorities, I doubt if any two of them could agree.

On the whole, the method followed at Storrs (as described in Bulletin No. 87), using one ration for all pens, is the practical and rational plan to follow, and the management is to be congratulated on having successfully resisted the tempta-

tion to attempt adapting the ration to the supposed food requirements of the several breeds.

#### FOOD SELECTION BY LAYING HENS

**Hens Have Distinct Preferences in Foods.  
If Given An Opportunity to Choose  
Their Own Rations, They Come  
Very Close to the Correct  
Theoretical Nutritive  
Ratio.**

The following extracts are from an article under the above heading which appeared in the January issue of the Journal of the American Association of Instructors and Investigators in Poultry Husbandry. It is by Professor H. L. Kempster of the University of Missouri.

In this experiment sixteen hens were given their choice of several of the more common feeds. The feed was stored in open cans to which the birds had access. The position of the cans was changed each week, so that no particular position influenced the consumption. Each hen had a pen 3 x 6 feet, and half of them were kept in small coops with outdoor runs. The summary indicates the amount of each food consumed:

Wheat .....	8273
Kaffir .....	3810
Corn .....	2328
Corn meal .....	1745
Middlings .....	1235
Oats .....	1140
Sunflower .....	1062
Beef scrap .....	651
Bran .....	283
Oyster shell .....	1349
Grit .....	232
Charcoal .....	81

The experiment demonstrated the universal preference for wheat, which is generally fed as a poultry food. Kaffir came second, with corn and corn meal next. The birds did not consume as much oats and sunflower as one might suppose. Grains with hulls should form only a limited portion of a ration because poultry possesses little, if no means of digesting crude fibre. In the case of sun-

## Keeps Water at Even Temperature All Year 'Round

Absolutely sanitary. Water cannot be polluted. Prevents disease. Saves work. Increases egg yield. Ira Franklin, Mgr., Farmers Grain Co., Atkinson, Illinois, says: "The Ideal Sanitary Fountain is the best I ever used." Made like a fireless cooker, of heavy galvanized iron, strong and durable. See it at dealer's. Send for circular, testimonials of satisfied users, and low prices. Rockford Poultry Supply Co. Lock Box WB-201, Rockford, Ill.



## Lice and Mites are Profit Killers



Lice and Mites live on the blood of Poultry, sap the vitality of hens, kill baby chicks and steal profit. Lousy hens won't eat properly, won't lay, won't thrive. Keep your poultry free from lice and mites. You can rid them of these pests, drive the profit thieves out of your chicken house and keep them out with

**COAL TAR**



**DISINFECTANT-DIP**

It helps egg production, cures chicken diseases, increases poultry profits. Spray Zenoleum freely and often in the homes of your birds. It's used and endorsed by 50 Agricultural Colleges. Cures and prevents many live-stock diseases. **Special Trial Offer.** We send parcels post prepaid, eight ounces for 25 cents, a quart for 50 cents, full gallon \$1.50. Use it as directed, absolutely at our risk. If it fails to meet severest test it doesn't cost you a penny. Must do all you want it to do or back comes your money; no argument, just money. **Zenoleum Lice Powder**—the most wonderful powder of all—big package 25 cents post paid. Free Book, "Cause, Symptoms and Treatment for all Poultry Diseases."

**ZENNER DISINFECTANT CO.**  
370 Lafayette Ave. Detroit, Mich.

## SINGLE COMB RHODE ISLAND REDS

The result of twenty years continuous breeding of this variety.

WRITE ME FOR PRICES ON STOCK AND EGGS.

GEO. L. BUELL,

LORAIN, OHIO

## BUFF WYANDOTTES — Utility and Fancy

Fifty good Cockerels for sale, \$5 and up. We won A. P. A. Grand Prize Medal for best in American class at New York Palace Show.

THEODORE S. HEWKE, "Boulder Knoll," Middletown, N. Y.

## WHITE

Birds with records of 255. This is the strain that furnishes birds for Storrs' Connecticut contest, also for their experimental purposes.

M. W. POTTER

## PEDIGREED

## LEGHORNS

EGGS  
and BABY  
CHICKS  
For Sale

Have purchased half interest in some Prize-winning Rhode Island Reds.

WRITE FOR PRICES.

LEEDS, MASS.

## BLACKBURN'S BLACK LANGSHANS

Are among the World's Leaders winning Blue Ribbons for us at the last Palace and Madison Square Garden Shows. **Some Choice Stock for Sale.**

Eggs For Hatching A Specialty. Send For Circular.

A. BLACKBURN,

186 Church Street,

NEW ROCHELLE, N. Y.

## BABCOCK'S BABY CHICKS



### S. C. W. LEGHORNS

Superb, heavy-laying, free-range stock. Eggs for Hatching—Baby Chicks, capacity 100,000 annually. Orders booked now for future delivery. Catalogue.

BABCOCK POULTRY FARM, Box W. FREDONIA, N. Y.

### WHITE ROCKS



## PAYNE BROS'.

## Rose Comb R. I. Reds

1917 -- BOSTON -- 1917

1st (shape & color); 3rd, 4th Cocks; 5th Hen; 1st, 2nd, 5th Cockerels; 5th, 6th Pullets; 1st Old Pen; 1st, 2nd Young Pens.

Best Pen Four Years in Succession. Best Cockerel Three Years out of Four.

Get our prices on Stock and Eggs before purchasing

PAYNE BROS., Box W, Portland, Conn.



flower seed, the hens were observed to crack the grains and consume only the meat, leaving the hull.

The low consumption of bran is also an outstanding feature. Bran is universally included in rations for poultry and yet only a very small quantity was used. The use of bran in the ration should be primarily to render the ration mechanically correct because for its food value, it is not as economical as other foods.

The comparatively small consumption of beef scrap indicates that hens will eat only enough to satisfy their demands. In no case did the birds overeat.

Alfalfa leaves were also kept before the hens, but the consumption of them was so small as to be negligible. It may be a mistake to mix them with other feeds, as is frequently done, since in so doing they are compelled to eat what apparently these hens did not desire.

#### Changes in the Kind of Feed When Laying

The greatest changes which occurred while laying were in the beef scrap and ash consumption.

Not Laying				
Hen	1185	1168	3a	4a
Beef scrap	6	6	0	0
Grit		13	0	0
Shell	10		52	0

Laying				
Hen	1185	1168	3a	4a
Beef scrap	58	6	59	32
Grit	23		2	16
Shell	23	36	76	42

#### Conclusions

1. Wheat is the favorite poultry food.
2. Grain with hulls is eaten in limited quantities.
3. Bran is apparently not relished in a dry condition.
4. The average annual food consumption of feed is 70 pounds for Leghorns and 15 pounds more for the Rocks.
5. Hens materially increase the consumption of meat scrap and oyster shell when laying.
6. Hens vary as regards the efficiency with which they utilize food.
7. Narrow rations of those properly balanced proved the most efficient.
8. During laying, from 70 to 90 per cent. of the ash for shell comes from the grit and oyster shell.
9. A ration consisting of from three to four per cent. crude fibre is the best.
10. The ration should contain some ground feed.
11. Where beef scrap is fed it should constitute 8 per cent. of the ration.

There are two ways of studying poultry feeding. To be thoroughly practical, all feeding experiments must be conducted with good sized flocks, but the study of individual hens, their preferences and their performances under various experimental conditions, afford extraordinary opportunities for securing data that will be invaluable in flock feeding. This experiment of Professor Kempster's, therefore, is distinctly a step in the right direction and the data secured is of decided

#### LAURELWOOD, FARM

### S. C. Brown Leghorns

"The GUIDON"—1st prize cockerel, Madison Square Garden and Palace shows 1916-17.

Pronounced by artists and judges to be the "Standard's Ideal"—"Years ahead of his time." Color, type, head points and condition unapproached by the wonderful display of the largest and grandest exhibition of S. C. Brown Leghorns ever shown at the Garden. These birds have been bred by Laurelwood Farm for 14 years and this "outstanding Gem" is the result of rigid selection and ideal bird life conditions.

Dark and light mating eggs in season.

#### LAURELWOOD FARM

Mrs. Alice Smith, Prop.

PEQUANNOCK, NEW JERSEY

interest. I hope that this work that Professor Kempster has begun will be continued indefinitely.

It's a pretty good sign when a man's business increases from year to year, that his customers are getting good service and are satisfied with the stock and eggs he sells them. Such is the happy condition in which F. M. Prescott, proprietor of Riverdale Poultry Farm, Box 565, Riverdale, N. J., finds himself—in possession of a very large trade in hatching eggs and chicks that increases year by year. Many of his old customers send in repeat orders season after season. So numerous are the orders for early chicks that Mr. Prescott writes us he has had his machines going since the latter part of November. As an indication that the poultry business has struck "better going", we quote Mr. Prescott's statement that "With six weeks yet to go we are a thousand dollars ahead of the total of last year." As you will note by his ad, he can furnish both Light and Dark Brahmas, Rhode Island Reds, White Wyandottes, Barred Rocks, S. C. White and Brown Leghorns. He has an especially large stock of Brahmas, Brown Leghorns and Wyandottes and some choice breeders of the other varieties which he will sell at very low prices, quality considered, in order to make room for his young stock. His catalogue and bargain list will be sent free on request. Mr. Prescott does custom hatching and can furnish eggs and chicks in any quantity desired.

Some ten years ago Mr. W. S. Crandell of Greenwich, N. Y., began to breed a strain of Buff Wyandottes that he named Excellency—"X-L-N-C." He has line bred them carefully, with the result that as a family they have constantly improved until individuals entered at the last National Club meeting won nine ribbons on eleven entries, and there were 214 birds competing. The judge pronounced it the best class of Buff Wyandottes ever shown. Mr. Crandell is a business man who is also a poultry fancier but he insists that while producing standard-bred fowls may be termed a hobby, his hobby must be a paying one. Therefore, he has applied business methods with the result that he has many satisfied customers, large numbers of whom send repeat orders. He has still some exhibition and utility stock for sale and will furnish full particulars about this season's matings and prices on request.

### WYANDOTTES, SILVER, GOLDEN AND WHITE

FOR SALE—500 head of the very finest, fancy breeders, including many rare, fine cock birds, at moderate prices. Bred from our New York and other great winners. No better bred stock in America. Also Golden Sebrights, FINELY ILLUSTRATED CIRCULAR.

IRA C. KELLER, BROOKSIDE FARM, BOX W, PROSPECT, OHIO

### BARRON HATCHING EGGS

S. C. W. Leghorn, pure bred Barron stock, imported direct. All eggs from Breeders with individual trap-nest records. Pullet year of from 220 to 259 eggs. Mated to cockerels of 258 to 279 records. These Breeders have been selected with a great deal of care, size and stamina having as much consideration as egg record. These birds are the best collectively of their kind. Orders for eggs booked now, filled in order received. Orders for future shipment if accompanied with deposit will be filled, date specified. \$10.00 per 100, guarantee 80%; after February 15th, 90%. Would contract to raise 1,000 pullets to be delivered from 8 weeks to maturity as desired. No contract less than 50 birds. The best at a fair price.

A. G. LORD, Lakeville, Conn.

Phone, 137

## S. C. BLACK MINORCAS

White P. Rock 1st Palace '16 Pullet and Best Females class 25.

Bred for Utility and Exhibition.

The kind that lay Big White Eggs and take the Ribbons.

Won 1st S. C. Black Minorca Hen, Boston '17.

C. E. Tracy, M. D. Prop., Box W, Castleton-On-Hudson, N. Y.

## LUCKNOW BUFF ORPINGTONS

WIN AT

Grand Central Palace, N. Y. City, 1916, EVERY FIRST and EVERY SPECIAL

Madison Square Garden, 1916, 1917, 1st Cockerel; 2nd & 5th Pullet; 3rd & 4th Cock; 5th Hen.

WRITE FOR MATING LIST.

LUCKNOW FARM,

Box W.,

SOUTH NORWALK, CONN.

### MOUNTENEY'S ROSE COMB REDS

Winners at New York State Fair, Palace and other big shows. Send for mating list.

W. E. MOUNTENEY, ELMSFORD, N. Y.

### NORTH'S BUFF ROCKS

Exhibition Birds a Specialty

D. P. NORTH, WAVERLY, N. Y.

### Rose PRINCESS REDS Single

Win at Greater Buffalo Show on Rose Combs, 1, 3 pen, 1 cock 2 hen, 4 chl. Single Combs, 1 pen, 5 cock, 5 chl. Old and young stock of the highest quality at reasonable prices. We are now booking orders for future delivery. \$5.00 gets the best. Write for mating list.

RED-W-FARM, WOLCOTT, N. Y.

### The "Best Yet" Aluminum Leg Band



cannot come off. 5 sizes, pigeon to turkey. State breed. 12-15c; 25-20c; 50-35c; 100-60c.

COLORLED LEG BANDS — RED, Green, Amber, Pink, Black, White, Yellow, Light Blue, Dark Blue; Pigeons and Chick sizes—12-10c; 25-20c; 50-35c; 100-60c. Poultry sizes, 12-15c; 25-30c; 50-50c; 100-75c. Circular free.



ALUMINUM MARKER WORKS, Dept. F. Beaver Falls, Pa.

## BLACK MINORCAS BARRED ROCKS

Yama Minorcas are noted for their Madison Square Garden winnings

At the recent show 1st Pen, 1st-2nd Cockerel, 3rd-4th Cock and 3rd Pullet. Elegant breeding cockerels, either variety. Yama Rocks at the recent Palace Show, won 1st Pen (no one exhibitor winning more than one first), 3rd Hen, 5th Pullet. We are booking egg orders. Mating list is free.

YAMA FARMS, Napanoch, N. Y.



**McCANN'S REDS**

As a relaxation from the duties of his calling the Rev. C. T. McCann, of Manchester, Conn., has found his Rhode Island Reds highly satisfactory. They are his hobby, but unlike most hobbies, in place of being an expense they are a source of income.

To be sure, Mr. McCann acquired the very best blood for his foundation stock (Lester Tompkins, I. W. Bean, etc.), and with this good start he has bred a strain of his own which is able to win in the leading New England Shows and to give a good account of themselves as egg producers. He still has a number of exhibition and breeding birds that he will sell, and can furnish eggs for hatching from some very choice pens. For particulars write him, kindly mentioning A. P. W.

This is the twelfth year that Mr. F. M. Babcock, proprietor of Babcock Poultry Farm, Fredonia, N. Y., has been hatching and shipping day-old-chicks. Each year he has succeeded in getting a larger, stronger and fluffier lot of chicks, also better hatches, and consequently his customers stay with him, and new ones become regular patrons. His "repeat" orders form a large per cent. of his annual business. He breeds S. C. White Leghorns and White Plymouth Rocks and can furnish eggs for hatching and baby chicks, on which he makes a very liberal guarantee.

Babcock's Poultry Farm has a capacity of 100,000 chicks annually. They first installed a 6,000-egg Cyphers Mammoth Incubator which did so well that they increased the capacity to 14,000 eggs. In addition they operate large oil-heated machines which gives them altogether a capacity of 16,000 eggs at one time. For full particulars about their "bred-to-lay" stock, prices, etc., write directly to them, and when doing so, kindly mention A. P. W.

We believe our readers will be interested in the printed matter issued by the Wacker Remedy Co., Box 157-A, Newark, N. J. We were—especially in the little folder entitled "Practical Hints", at the beginning of which they state:

"Our aim is to give the poultryman the best his money can buy and to assist him in every possible way to attain the 300-egg-a-year hen."

In this issue they are advertising their roup tablets which they sell direct and not through agents, in order that they may be no substitution. Besides roup tablets they manufacture chick tablets for baby chicks from the time they are hatched until they have grown a crop of feathers. "Hen-er-Ate" tablets are to be given during the molt or to a slow-laying hen or one that produces soft-shelled eggs. For full particulars regarding their remedies, send a post card for their printed matter, and when writing, kindly mention A. P. W.

The S. C. White Orpingtons of Warner & Greene, 2092 N. Main Ave., Scranton, Pa., are bred not only to win in the strongest competition but their good-looking hens lay, as well as win prizes. A year ago last December they took 64 White Orpington pullets and pushed them for an egg yield, getting 1,500 eggs that month, which is a record that would be hard to beat.

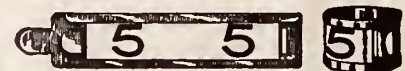
As their plant is not large they have no room for culls and so eliminate them in the strictest manner. They write us that their pens this season contain some remarkable birds which they believe will give them good stock—better than they have ever had. They make it a practice not to weaken their flock by selling winners, but keep them to insure still further advancement. Note the picture of their winning hen at the Madison

Square Garden Show, published on page 170 of this issue. Judge Oke said several times to Mr. Warner, "She is a great hen." Judge Platt said, "She is the best breasted female in the show." Their birds not only win for them but their pleased customers report the excellent winnings of birds purchased from them. It is their practice to satisfy their customers. For full particulars regarding their matings for 1917, prices, etc., write them and when doing so, kindly mention A. P. W.

Those who saw the White Plymouth Rock classes will probably remember the fine showing of White Rocks made by "The Glen" Poultry Farm, Fairport, N. Y., at the great Rochester Show, Jan., 1915. Since then the owners, F. M. and H. L. Palmer, have been steadily improving their strain which they have been breeding for eleven years. They write that their pens this season are better than ever. They will have about 500 breeders and will have about six yards of extra high quality birds from which they will breed their own show birds for next season. They will have two or perhaps three large, free-range, utility flocks and will be pleased to furnish incubator eggs in large quantities. They have been working on this line for some years to produce birds of fine utility qualities, having good type as well. This is the first year they have had enough birds to be able to offer their eggs for sale. For full particulars write for their latest price list and when doing so, kindly mention A. P. W.

In a show of more than 200 Barred Rocks at Cleveland, Ohio, John W. Yant, Route 24, Canton, Ohio, won 5 cock; 3, 4 hens; 2, 3, 4, 5 cockerels; 1, 2, 5 pullets; 1 exhibition pen; 1 cockerel-bred pen; 1, 2 pullet-bred pens; 1 pullet-bred cock and cockerel; best display, color and shape specials. The first pullet won special for best pullet in show and first cockerel was won by an egg customer. Mr. Yant showed 36 birds and won 35 ribbons, and all the birds were of his own strain. He won sweepstake cup for best display at both the December 1914 and 1915 Chicago Coliseum shows. For 16 years Yant's Barred Rocks have stood high among the winners with the result that he has built up an excellent trade for both stock and eggs. His yards are mated and egg orders will be promptly filled.

John B. Hendrickson's S. C. Reds are proving their worth in this season's shows. At Madison Square Garden he won 1st pen, 4th cock, 5th hen, 3rd and 5th pullet. At the Palace, New York Show, in December, with an entirely different pen he again won first honor, also 1, 5 hens; 2 cockerel; 3, 5 pullets; best display. In November at Pater-son, N. J., his Reds won 1, 2 pens; 1, 2, 3 cocks; 1, 2, 3 hens; 1, 2, 3, 5 cockerels; 1, 4, 5 pullets. This is certainly an excellent showing and they have been consistent winners. In 1914 they gave an excellent account of themselves at these three shows and also at the 1915 exhibition. His mating list will be ready about February first. He is now booking orders for eggs and will sell them from the pens he uses himself. Write for full particulars, addressing John B. Hendrickson, 180 Ridgewood Ave., Ridgewood, N. J., and when writing, kindly mention A. P. W.

**POULTRY BAND FREE**

PATENT APPLIED FOR  
Send for sample and trial offer of the Bourne "Bignum" poultry band. All sizes. Numbers from 1 to 300 on seven colors of background. Price 3 cents each, \$2.50 per 100.

BOURNE MANUFACTURING CO.,  
234 Howard St. MELROSE, MASS.

**ROUPIDE**

For roup and colds in chickens. One application usually enough. 50 cents, postpaid.

**LICIDE**

For lice on poultry. Used twice yearly. 50-cent tube enough for 200 hens.

Gentlemen:

I have used both Roupide and Licide with fine success, and recommend them as the best on the market. Your Roupide will cure a cold in 24 hours.

Wm. B. Whitney.

**CIRCULAR FREE**

LICIDE SUPPLY CO., Bedford, Pa

**BABY CHICKS  
HATCHING EGGS  
BREEDERS****QUALITY S. C. BUFF LEGHORNS**

Consistent Winners at the  
GARDEN, PALACE, SYRACUSE

Mating List Free.  
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**McCann's S. C. REDS**

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Box W,

PENN YAN, N. Y.



# Practical Poultry Facts AND Timely Advice



Conducted by JOHN H. ROBINSON, Special Contributor

## POINTERS FOR BREEDERS OF STANDARD POULTRY

### Making "A Laying Strain" of Cochins

A subscriber who was especially interested in the records I gave for some Buff Cochin hens, has written to me asking if I can sell him a cockerel. He says he has been trying for some time to get Cochins of a laying strain. I have no cockerels to sell at the present time, and if I had, I would not want anyone who bought them to suppose that he was getting stock of "a laying strain," as that term is now commonly used and understood.

In the article (November issue of A. P. A.) giving the Buff Cochin record, I tried to emphasize the fact that hens of almost every breed and type will lay well if handled right. Most of the figures that I gave were for hens not bred for eggs, as that term is now used.

The Buff Cochins that I mentioned as remarkable layers twenty-four or five years ago were really a laying strain, not by being bred for egg production according to individual records and pedigrees, but by being developed as a practical farm flock. They were of the Cochin type then known as the American Cochin, which was more of the Brahma type than the modern exhibition Cochin, and was then called the English Cochin.

Mr. Adolph Anderson, who had charge of the Mitchell Partridge Cochins when the stock belonged to Mr. Geo. W. Mitchell, once told me of a stock of "utility" Partridge Cochins, of their strain, that had become modified in type, more active, and better layers (that is, better under ordinary management) simply as a result of growing and keeping them under farm conditions.

Several years ago J. W. Shaw, the veteran Light Brahma breeder, told me that he often noted a very distinct difference in type of birds from the same pen grown under different conditions. In particular he called my attention at that time to some birds that he had grown at home where the range is limit-

ed but the chicks get the best of care, and to some from the same pen grown for him by a farmer who had unlimited range. The farm grown chicks, without being rangy, were a little higher on the leg, with corresponding length elsewhere, and were more active and energetic.

When this difference can be made in a single season as a result of different conditions of growth, it is easy to see how in a few years the stock grown under farm conditions might become very different in shape from the other, even with no special selection to intensify the type in breeding. With such selection the change would be more rapid.

To change the type by breeding alone will take much longer when the type is

both extreme and well established, as it is in exhibition Cochins. But if this subscriber cannot give his chicks a big range where they can get a great deal by foraging, he must rely on selection almost wholly.

If he wants the stock for his own use only, not to exhibit or to sell for breeding purposes, it might be a good plan to cross some heavy feathered Buff Cochins with Buff Plymouth Rocks and from this make medium feathered Cochins. I would expect the offspring to come very good in color, though some matings of this cross might throw chicks with bad color faults. The Buff Plymouth Rocks of some of the best of the



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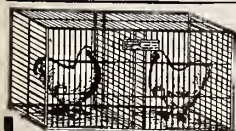
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early strains showed Cochin blood very strongly, so that to cross Buff Cochin with Buff Rock does not make a strong outcross.

If he is in a position to develop a strain of this type, he will find the work very interesting. By using the Buff Rock his cross-breds would be good-looking and useful stock from the start, though it would take several years to fix the type he selected.

—o—

#### Educational Value of Cross-Breeding

Sometimes I think that we make too much of a fetish of our standards for poultry, and especially of standards as established by the American Poultry Association.

Standards are necessary to secure uniformity in ideas of type, etc., and for the development of trade in good stock. It is desirable, too, that in many ways better attention be paid to Standard requirements. But I have long believed that it would be decidedly beneficial to everyone who wants to thoroughly understand the principles of breeding, to make a cross occasionally and observe how characters behave in the progeny.

The advantage of the cross for this purpose lies in the fact that the parents

are unlike in many ways, and so it is easy to see whether an individual produced from them is like one or the other, or is intermediate in any character. In a long established and highly finished variety the differences between the parents are usually too slight to make it possible to say with any positiveness that the male or the female was more potent in transmitting a certain character. But in crosses it is usually very easy to see where the inheritance comes from. To a degree this is true of thoroughbreds in the early stages of their development before type is fixed and the many little faults which all breeds have at first are bred out.

Among fanciers it is widely held that the male has more influence in the transmission of some characters and the female more in others. Generally it is stated that the male influences color, comb, and superficial points, and the female has more influence on size and shape of body. Many cases can be found where this was true, but just as many can be found where it was not true. The general rule in crossing is that the offspring are, in visible characters, intermediate between the parents.

This rule will, I think, be found to hold with great regularity in all breed-

ing. The exceptions to it occur when one parent or the other is remarkably prepotent in the transmission of one or more characters, or when a cross tends to bring back a feature once known in the ancestry but eliminated for some generations.

I would not advise anyone to breed crosses to the exclusion of thoroughbreds. Although some points are demonstrated more plainly in cross-breeding, there are others that are not appreciated until one tries to get high quality and uniformity in Standard or well-made varieties. The best practice is to give most attention to the pure breeds or breed that you have, but hatch a few crosses late in the season.

—o—

#### An Interesting Historical Note on Black Spanish

In the report of the Massachusetts Board of Agriculture for 1857 I find a statement by Eben Wight of Dedham, Mass., one of the pioneer fanciers of America, about the White Faced Black Spanish of that time, which is of particular interest.

Describing the breed, Mr. Wight said: "Both cock and hen are black, with the most brilliant lustral plumage, and both

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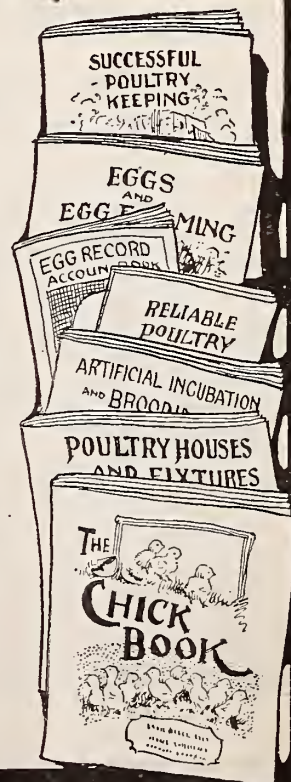
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cock and hen have extra large combs, the former with wattles to match his immense comb. Cock and hen have white faces and cheek pieces to match—this, in show birds, is considered an absolute necessity, and though an abnormal mark, still it is required. I have been the possessor of two trios, each prize coops in England, yet from these I could only obtain two or at most three chicks out of a clutch, showing the entire white face of the parents and fit to meet the requirements requisite as prize fowls. In my correspondence with some of the best breeders on the other side of the Atlantic, I learned that such was the result of their experience. These facts show plainly that the idea, entertained by some, that the want of a white face indicates impurity of blood, is not well founded."

#### Breed One Breed, but Be Interested In All

That was a mighty fine article, "Pointers About Breeding White Rocks," by H. W. Halbach, in the December number of A. P. W. I wondered as I read it how many of the readers of this paper who are not especially interested in White Rocks read that article as carefully as if it applied to their own favorite breed. That many did, I have no doubt, but I feel just as sure that many passed it over because it did not relate to their breed or variety. This is always a mistake—to pass an article for that reason. If one has not time to read outside of his own special line, that is another thing; but even where time is limited it is a mistake for anyone who wants to be well posted in the breeding of one variety to pass over the views of a leading breeder in any variety.

Mr. Halbach's article is one of the kind that reads right, from the first word. The reader knows at once that he is a discriminating writer, and the reader finds very soon that he is a discriminating breeder. Such men deserve universal attention when they present their experiences. Mr. Halbach told a good many of what some people suppose are the "secrets" of big breeders, but I venture to say that many a reader missed them, because they were given in just a plain, straight-forward, matter-of-fact way, as ordinary details of the breeding of high-class, Standard White Plymouth Rocks.

A man who is interested in only one breed may go very far with it, but it has always seemed to me that the man who knew and appreciated only his own breed—usually his one variety of that breed—could not appreciate it as a breeder does who, apprehending the beauties and the merits of all breeds and varieties, prefers his own. The one-variety man who neither knows or cares anything about other varieties will often make some very absurd statements when comparing his and others.

I recall one instance where one of the best of the White Wyandotte breeders of his time, one who passed away during the prime of life, remarked with all seriousness in a group of exhibitors at a leading show, that he often wished the problem of breeding white color was as simple as that of breeding black—all black birds were black, as averted, and so there was no color problem with black varieties. That was in the days

when white was not white as it is today, and unwashed white birds might win in a pretty good show.

#### Double Mating for Shape

A breeder of a variety in which double mating for color is practiced, would not fail, in reading Mr. Halbach's article, to notice that with the White Rock, double mating applied to shape. It would seem natural for a breeder who double mates for color to stop and consider how far double mating for shape might be necessary or advisable in the different lines of his variety that is systematically double-mated for color.

Although there are some breeders who double-mate for color, and obviously also for shape—for the stock shows it—a very large proportion of those who double-mate for color concentrate all their attention on their color problems and let the shape come as it will. Consequently the classes of Barred Rocks at our best shows do not appear as uniform in shape, unless the exhibit of one breeder predominates, as the classes of White Rocks. This has been noticeable for many years. Very often the Barred Rock classes, especially in males, would contain a proportion of specimens that would generally be pronounced more of the typical Rock shape than any in the White classes, it would also have a greater variety of shapes, and more that are very poor. The same thing may often be observed in comparison of a white variety of any breed with a colored variety of the same breed. One reason for such a difference, of course, is that while it is just as difficult to get the white that the breeder wants as it is to get any other one color or point, the problem has fewer factors, and the great majority of breeders in all varieties give their best attention to only a limited number of points.

The occasion for different matings for shapes arises from the fixing of standards for shape, but also in part from the fact that in many cases the masculine type and the feminine type that the majority of fanciers consider most pleasing to the eye are not identical types. In nearly all breeds, if not in all, the type of male that is most attractive to the greatest number of fanciers is the upstanding, aggressive bird, showing masculine disposition in every action and pose. The female of the same type and presence is not so attractive because in the hen those things do not seem so appropriate. They are not "in character," as most of us estimate feminine character. There is naturally a difference of this kind between males and females of the same stock and family, but if there is also a little more difference of the right kind in type, the effect is increased in a most pleasing manner.

I sometimes regret that the old practice of showing males and females in the same coops, even when competing in separate classes, passed away so completely. Unless an exhibitor shows a pen now you cannot readily get a correct impression of his stock, not seeing

a male and one or more females together. When I am limited for time looking through a show, I always give most of my time to the exhibition pens. The male is supposed to count for half the pen, and the judge makes it go that way in judging, but if you will carefully compare many exhibition pens, considering them from a little distance and trying to determine which seems the more pleasing, and why, I think you will discover that in your judgment a male in an exhibition pen is not fully half the pen unless his pen mates are of a little different type from his sisters.

To my mind, however, the most interesting thing connected with the question of double mating for shape is that it emphasizes the fact that to breed to fixed standards of shape or anything else by using the males and females that, with sex differences, are identical in characters is impossible, because the tendency of such breeding is to intensify characters.

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## THE BOSTON SHOW

By John H. Robinson

(Continued from page 175)

form. The influence of that blood has certainly had its effect, but it is not fair to attribute all poor type in Wyandottes to it.

At the time it came, good Wyandotte shape was comparatively rare in all varieties, and certainly the improvement in color gave the old Silvers a new lease of life with the public.

Columbian Wyandottes were a class that looked better upon inspection than at first sight. The variety is not making rapid progress these days, but a close examination of good classes from the aisles will almost invariably show that many of the breeders are slowly but surely getting their stock in a shape that will give them more consistent results. It is not going to be very many years now until someone comes out with a string of this variety that will make the Light Brahmas breeders sit up and take notice.

In the other varieties of Wyandottes the proportion of fine specimens was up to or above what is usually found, but the classes were not large enough to attract the attention they deserved.

Single Comb Rhode Island Reds, with a little over 200 entered, were the second largest class in the show. Rose Combs came out in about half that number. As Mr. Tracey is to discuss these classes I will say here only that this remarkable class came almost entirely from within a radius of thirty to forty miles of Boston. It is only facts like this that can give poultry breeders elsewhere an appreciation of the density of the population of poultry breeders in this territory.

For the first time in four or five years American Dominiques went back badly here, only four specimens being entered. The breeders of Buckeyes, too, were absent, only one bird of this breed being shown.

In numbers Light Brahmas were the third largest class in the show. There were 155 of them in competition. All things considered, this looked like the best class since the good old breed began to come back. It may have looked that way because, taking the class all the way through, it was more of the type preferred by the old breeders than any class seen here in recent years. The birds showed clean, white surface, intense black, and marked general improvement in neck hackles and tail coverts. There was more uniformity of shape throughout the class also, though a good many of the young birds were not full grown and lacked something in size and substance. Only four Dark Brahmas were shown.

The Buff and Partridge Cochins classes here maintain the quality of the days when Cochins were more popular, though it is rare to find more than four or five birds in a class. Blacks and Whites are more uncertain. Birds of good size in these varieties have always been rather rare, and that has tended to keep them in the background.

There were about fifty Black Langshans, all in the open classes except one pen, and the greater number exhibited by breeders not among the veteran breeders of this variety. On that account, perhaps, distinctive Langshan type was not as much in evidence as is usual in the classes here. Some of the males in particular approached the exaggerated Rock type that White Rock breeders are now zealously avoiding. At that there was type enough in the class to set every exhibitor who saw it right.

In Orpingtons the Single Comb Buffs led with an even hundred birds on exhibition. This was a fine quality class, superior to all other buff varieties here; except Buff Cochins, in soundness of color in the individuals composing it and with more uniformity of color throughout the class. Whites came next with a little more than half the number. Other varieties of this breed had small classes, but were full of merit.

The Dorking classes were very small. For many years good exhibits of Silver Grey and Colored Dorkings were a regular feature at Boston, but of late they have got down to a mere corporal's guard. I understand that some of the old breeders who dropped out for a while are getting ready to come back.

The Cornish—Dark, White and White Laced Red—were one of the surprises of the show. The Dark variety, with 145 birds entered, made the fourth largest class in the show, and they were a splendid lot of birds. In Whites there were more specimens of good type than I have seen in one class before. Even the birds that were off-type were mostly big and rugged, their conspicuous fault being in length and texture of plumage—it was too long and too loose for the breed. But without these it was still a remarkable class



of Whites. The White Laced Reds were all in the single entry classes. Somebody mis-calculated here, for at least one exhibitor had enough extra birds entered singly to have made up two pens.

#### THE LEGHORNS

The exhibit of Single Comb Brown Leghorns was pronounced by several fanciers of that variety the most satisfactory that has appeared here in a long time. The central west, the Pacific Coast, and Canada contributed nearly half the entries, and won more than half the prizes with one of our best New England Brown Leghorn breeders judging. I don't know whether this exhibit will revive interest in the Brown Leghorn here or not, but it cannot be doubted that it will benefit the breeders from a distance. Rose Comb Brown Leghorns were a very small class but some attractive birds were shown.

The general appearance of the class of S. C. White Leghorns was marred by the presence of an exhibit that was distinctly out of its class, not having the quality required in a first-class show and being in very poor condition. These birds, scattered through the classes, spoiled the impression of the display as a whole. Aside from that the exhibit was up to standard for White Leghorns. The class was judged by a California breeder. From this case and that of the Brown Leghorn already noted it would appear that Leghorn breeders throughout this country and Canada are pretty well agreed in their ideas.

The Buff Leghorns were of high average merit, yet a little disappointing to those inclined to analyze them. As to color the same may be said of most of the other buff varieties here this year. Sound, uniform color is so rare that one is forced to the conclusion that weather or other widespread conditions affecting the color are responsible. It is not credible that breeders of all buff varieties would at the same time get imperfect buff as prevalent this year as a result of breeding. Breeders of Buff Cochins and of Buff Orpingtons are more in the habit of taking precautions against the effects of the weather upon color, which may account for the better appearance of those varieties.

Black Minorcas, Blue Andalusians, Black Spanish, Anconas and Houdans all had small classes yet good enough to attract the attention of breeders of other varieties who appreciate good birds of every kind and who make it a point to look the whole show over. There are a good many such, and their comments upon classes in which they have no personal interest are a reporter's best guide in justifying his own impressions of a show.

Polish in all varieties were present in their normal numbers for a Boston show. Booming the crested breeds brought out some remarkable classes of Polish here for a while, especially of the White Crested Black. It could hardly be expected that this interest would be maintained at high pitch. It appears, however, to have brought in enough new Polish fanciers to take the places of those who are passing.

The display of Hamburgs is always good here but this year the breed was one of the star features of the show. Think of Black Hamburgs the sixth largest class in a big show, and Silver Spangled tying the S. C. White Leghorn for seventh place. But the truly remarkable thing about it is that nearly all these Hamburgs are shown by a little group of old fanciers who live in the immediate vicinity of Boston and are in Hamburgs only for the pleasure of breeding them and of competition with their friends. Other Hamburg fanciers come here from time to time, but this group is the permanent element in the Hamburg fancy in America, and their birds are models of type and finish.

After the Hamburgs there were no more big classes in large fowls or in any kind of large poultry except Bronze Turkeys. The small class of Silver Campines was especially attractive in its uniformity of type and pronounced indications of a vitality that is often notable for its absence in large classes. The Red and Speckled Sussex attracted considerable attention. Most of the exhibits of these were, as at former shows, from west of the Hudson. Several New England breeders are becoming interested in this breed, and its interests locally are likely to get more attention from this time on.

Waterfowl and turkeys, with the exception of Bronze, are not holding their own in this section. Our market duck farms thrive, but beyond that the interest lags all along the line. While we have a few breeders interested in standard water fowl, there are only a few and they are old timers. Except in a few classes, exhibits of waterfowl at Boston would be very slim these days if New York and Pennsylvania did not come strong.

Bantams made a splendid showing. Golden

WHITE CORNISH, first prize 1916, at Hartford, Syracuse, Providence. Eggs \$3.00 per 15; \$5.00 30. L. J. Smith, Deep River, Conn. 4-5-7

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and Silver Sebrights being especially conspicuous for size of classes and for quality. It is rare to see these two varieties in such numbers with high excellence in so large a proportion of the birds. Rose Comb Blacks and Whites were also strong classes, but that is what is expected of them. The Cochins and Brahma Bantam classes were well filled, and well worth attention.

In the live utility division 133 fowls were entered. Barred and White Rocks and Rhode Island Reds making about three-fourths of the exhibit and being the only classes large enough for real competition. Many of the birds were of high standard quality. This has been the case every year since these exhibits were first made. Such birds have sometimes won, but again, the winners have been birds of good size and form that would have stood no show in a class where judgment turned on good color and other superficial points.

## WINNINGS OF A. P. W. ADVERTISERS

**LIGHT BRAHMAS**—Harvey C. Wood, Box 75, Bound Brook, N. J., 2 cock; 2 hen; 3, 5 cockerels; 2 pullet; 1, 2 old pens; 1, 6 young pens.

**BARRED PLYMOUTH ROCKS**—Pittsfield Poultry Farms, Holliston, Mass., 3 exhibition cock; 1, 8 exhibition hens; 1, 2, 3 exhibition pullets; 2 exhibition young pen; 3 cockerel-bred hen; 2 cockerel-bred pen; 1 pullet-bred pen.

**WHITE PLYMOUTH ROCKS**—Mirimichi Poultry Farm, Foxboro, Mass., 2, 3, 6 cocks; 6 hen; 3, 5, 6 cockerels; 1 old pen. Pittsfield Poultry Farms, 1 cock; 5 hen; 3 old pen. W. F. Hayward, Box A, Westboro, Mass., 4 cock; 1 hen; 1 cockerel; 4 pullet; 1 young pen; 2 old pen.

**PARTRIDGE PLYMOUTH ROCKS**—G. S. Buxton, Box W, Bellows Falls, Vt., 3 hen; 2 cockerel.

**BUFF WYANDOTTES**—Stuart A. Howland, Granville, N. Y., 3 cockerel; 3 pullet.

**COLUMBIAN WYANDOTTES**—Levi A. Ayres, Box B, Granville, N. Y., 2, 3 hens; 1, 3 cockerels; 4 pullet; 2 young pen.

**S. C. RHODE ISLAND REDS**—Onaway Farm, Wrentham, Mass., 4 cock; 1, 4 hens; 1 cockerel; 3, 5 pullets; 1 old pen; 4 young pen. H. E. Watts, Monument Beach, Mass., 5 cock; 1 pullet. Mirimichi Poultry Farm, 1 cock. Harold Tompkins, Box W, Concord, Mass., 2 hen; 1, 2, 3 young pens, Lester Tompkins, Concord, Mass., 5, 6 cockerels; 3 pen.

**R. C. RHODE ISLAND REDS**—Onaway Farm, 6 cock; 2 hen; 3 cockerel; 1 pullet; 2 young pen; 3 old pen. Payne Bros., R. F. D. 1, Portland, Conn., 1, 3, 4 cocks; 5 hen; 2, 5 cockerels; 5, 6 pullets; 1, 2 young pens; 1 old pen. Harold Tompkins, 1, 3 hens; 2, 3 pullets.

**S. C. WHITE LEGHORNS**—Owen Farms, 115 William St., Vineyard Haven, Mass., 1, 3, 4 cocks; 1, 2, 3 hens; 2, 6 cockerels; 3, 4, 5 pullets; two firsts and one second pens.

**BLACK MINORCAS**—Red Cross Poultry Yards (Dr. Chaster Tracy), Castleton, N. Y., 1 hen; 3 cockerel.

**BLUE ANDALUSIANS**—E. D. Bird, Greenwich, Conn., 2 cock; 5 hen; 2 cockerel; 1 pullet; 1 old pen.

**BLACK SPANISH**—R. A. Rowan, Los Angeles, Calif., 1, 2 cocks; 1, 2, 3 hens; 1, 2, 3, 4 cockerels; 1, 2, 3 pullets; 1 pen.

**WHITE HOUDANS**—S. A. Howland, 1 cock.

**SILVER POLISH**—Orchard Poultry Farm, Spring Grove, Pa., 1 cock; 2, 5 hens; 2 cockerels; 1, 2 pullets.

**GOLDEN POLISH**—Orchard Poultry Farm, 4 cock; 3, 4 hens; 2 cockerel; 3, 4 pullets.

**BEARDED GOLDEN POLISH**—Orchard Poultry Farm, 2 cock; 1, 2 hens; 1 cockerel.

**BEARDED SILVER POLISH**—Orchard Poultry Farm, 1 cock; 2, 3 hens; 1 cockerel; 1, 2 pullets.

**BEARDED WHITE POLISH**—Orchard Poultry Farm, 1 cock; 1, 4 hens; 1 cockerel; 1, 2 pullets.

**SILVER CAMPINES**—Homestead Campine Farms, Box W, Wayland, Mass., 1, 2, 4 cocks; 1, 2, 3 hens; 1, 2, 3, 5 cockerels; 1, 2, 3, 4 pullets; 1, 2 pens.

**RED SUSSEX**—D. M. Green, Cherry Valley, N. Y. 4 cockerel; 1 pullet.

**GOLDEN SEBRIGHT BANTAMS**—H. E. Watts, Monument Beach, Mass., 4 cock; 2 cockerel; 3 pullet.

(Note:—Several pages of Mr. Robinson's notes on the birds at Boston and Mr. Tracy's review of the Red classes will appear in our March issue.—Ed.)



**STATEMENT OF THE OWNERSHIP,  
MANAGEMENT, CIRCULATION, ETC.,  
REQUIRED BY THE ACT OF CON-  
GRESS OF AUGUST 24, 1912.**

Of American Poultry World, published monthly at Buffalo, N. Y., for October 1st, 1916.

State of New York,  
County of Erie,  
s.s.

Before me, a Notary Public, in and for the state and county aforesaid, personally appeared G. M. Curtis, who, having been duly sworn according to law, deposes and says that he is the Business Manager of the American Poultry Publishing Company and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management, etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, embodied in section 443, Postal Laws and Regulations, printed on the reverse of this form, to wit:

1. That the names and addresses of the publisher, editor, managing editor, and business managers are:

Name of Postoffice Address

**PUBLISHER**

American Poultry Publishing Company  
.....Buffalo, N. Y.

**EDITOR**

Grant M. Curtis .....Buffalo, N. Y.

**MANAGING EDITOR**

Grant M. Curtis .....Buffalo, N. Y.

**BUSINESS MANAGER**

Grant M. Curtis .....Buffalo, N. Y.

2. That the owners are:

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Cora M. Curtis .....Buffalo, N. Y.

Dow R. Gwinn .....Terre Haute, Ind.

Minnie C. Isler .....Buffalo, N. Y.

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3. That the known bondholders, mort-  
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stated by him.

(Signed) GRANT M. CURTIS,  
Business Manager.

Sworn to and subscribed before me this  
23rd day of January, 1917.

(Signed) W. R. COWEN,  
(SEAL) Notary Public.

(My commission expires March 31st,  
1918.)

Mr. Wm. F. Fry, of the firm of Rau & Fry, Rural Route G-1, Box 160-X, Indianapolis, Ind., breeders of the famous Scranton S. C. R. I. Reds, also of "Royal" Blue and Black Orpingtons, has notified us that they will allow 20 per cent. off on the prices of all egg orders placed before February 15. After that date the regular prices will prevail. They have had some of their yards mated since December 1st. We suggest that our readers send for their printed matter, and remember the early bird takes the prizes in the early shows.

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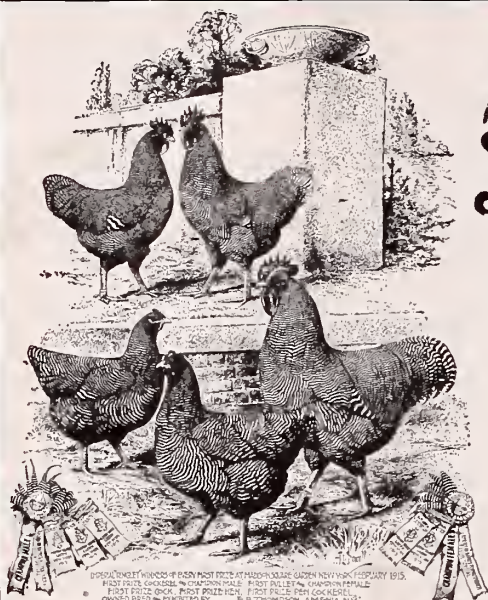
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